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CANADA

STATISTICS

OIL PIPELINE TRANSPORT

vol. 1

1951

no. 1 - 2

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D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada



VOL. 1

20-4450

No. 3

PIPE LINES (OIL) STATISTICSSEPTEMBER, 1951 - 58

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Net receipts of Canadian oil pipe lines during the month of September were 8,495,493 barrels of which gathering systems accounted for 4,148,285 barrels and trunk lines 4,345,208 barrels. Of the total movement, 4,408,704 barrels originated in Alberta and the remaining 4,084,789 were received from United States pipe lines. Net deliveries during the month were 243,892 barrels from gathering systems and 8,084,435 from trunk lines for a total of 8,328,327 barrels. By provinces the number of barrels delivered were Alberta 1,202,506, Saskatchewan 843,484, Manitoba 2,200,612 and Quebec 4,081,725 barrels. The Manitoba total includes 1,605,594 barrels for movement in transit through the United States. Most of this oil is transported by oil tankers from Superior, Wisconsin to Ontario. Oil pipe line deliveries in Quebec reflect shipments of South American crude piped overland from Portland, Maine, to Montreal refineries.

For the first nine months of 1951 net deliveries from oil lines amounted to 64,401,872 barrels of which 10,174,782 were delivered to Lakehead Pipe Line Company for transit to Superior, Wisconsin. The remainder consisted of 52,332,596 barrels delivered to refining terminals and 1,894,694 barrels delivered to trucks, rail tank cars, etc.

Net deliveries by trunk lines during September were 8,084,435 barrels, a decrease of 150,725 from the 8,235,160 barrels delivered in August. Gathering systems had net deliveries for the month of 243,892 barrels showing a decline of 147,732 from the August total of 391,624 barrels. Net deliveries from both trunk and gathering systems during August had represented the record for the year to date, and the total net deliveries for September of 8,328,327 barrels represented a drop of 298,457 barrels or 3.46 p.c. from the 8,626,784 delivered in August.

The nine months cumulative totals of net deliveries by trunk and gathering lines were 62,132,953 and 2,268,939 barrels respectively.

Daily averages of total barrels handled during September were: gathering systems 137,024 compared with 151,281 in August and trunk lines 320,063 as against 312,108 per day for August. Trunk lines registered a total barrel mileage of 2,505 million in September compared with 2,581 million barrel miles in August. The average miles per barrel of oil carried in trunk lines fell from 266.8 in August to 260.9 in September.

The average number of persons employed during September was 563 and their total salaries and wages amounted to \$186,621.

Montreal Pipe Line displaced the Imperial Pipe Line as the line transporting the most oil during the month. In September the Montreal line received 4,084,789 barrels and delivered 4,081,725 compared with Imperial's 3,770,521 and 3,739,525 barrels received and delivered respectively.

During September Imperial delivered an average of 115,970 barrels per day out of its gathering system. The Montreal line transported a daily average of 136,058 barrels through its trunk lines.

The great length of the Interprovincial Pipe Line system was indicated in the performance of 2,132 million barrel miles through the company's trunk lines during September. The average distance travelled by a barrel of oil through Interprovincials' lines in September was 675 miles. The company reported operating revenues of \$3,551,599 during the 3rd quarter - July to September - to produce a nine month's total of \$7,765,427. Interprovincial employed 251 employees in September paying them salaries and wages of \$90,260.

Prepared in the Public Finance and Transportation Division

Totals shown in table 6 for receipts and deliveries differ from those shown in tables 1 and 2 by the fact that the table 6 figures include all oil received and delivered in inter-company transactions. Reconciliation of these differences is shown below.

	<u>Barrels</u>
Total Received into Systems - all companies - during first nine months of 1951 per table 6	91,612,564
Received into Trunk Lines from Other Domestic Pipe Lines	26,744,570
"Net Received" into Canadian Pipe Line Systems	<u>64,867,994</u>
"Net Received" into Trunk Systems per table 1	34,656,349
"Net Received" into Gathering Systems per table 2 ...	30,211,845
Total Delivered out of Systems - all companies during first nine months of 1951 per table 6	90,967,207
Delivered to other Domestic Pipe Lines:	
From Trunk Systems 8,904,459	
From Gathering Systems 17,660,876	26,565,335
"Net Delivered" from Canadian Pipe Line Systems	<u>64,401,872</u>
"Net Delivered" from Trunk Systems per table 1	62,132,933
"Net Delivered" from Gathering Systems per table 2 ..	2,268,939

The fluctuations which occur in Shippers' and Carriers' balances monthly, are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the nine-month period covered by this report and are given herewith:

Oil Balance - All Companies - January - September, 1951

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers' Balances - January 1, 1951	1,896,922	
Total Carriers' Balances - January 1, 1951	209,935	2,106,857
Received into Gathering Systems, January 1 to September 30, 1951	30,211,645	
Received into Trunk Systems, January 1 to September 30, 1951	<u>71,756,462</u>	<u>101,968,107</u>
Total oil accountable for period		104,074,964
Delivered from Gathering Systems, January 1 to September 30, 1951	30,285,358	
Delivered from Trunk Systems, January 1 to September 30, 1951	<u>71,037,392</u>	<u>101,322,750</u>
Balance to be accounted for at September 30, 1951 ...		2,752,214
Oil consumed as fuel and losses		115,478
<u>Balance on hand - September 30, 1951</u>		<u>2,636,736</u>
Total Shippers' Balances - September 30, 1951	2,318,950	
Total Carriers' Balances - September 30, 1951	317,786	

TABLE 1

	First Quarter	Second Quarter	Third Quarter	August 1951	September 1951	Total Year to date
1. Total Received* (2+3+4+5)	Barrels 13,271,236	Barrels 24,718,426	Barrels 28,765,800	Barrels 9,795,838	Barrels 9,738,242	Barrels 71,756,462
Less: Received from other Canadian pipe lines-						
2. Own gathering system	2,776,679	3,532,803	4,046,061	1,420,217	1,315,566	10,355,543
3. Other pipe lines - Gathering	3,564,342	6,131,818	8,187,036	2,882,469	2,554,177	17,883,226
4. Trunk	1,556,675	3,268,813	4,035,856	1,419,318	1,522,291	8,861,344
5. Net Received (6+7+8)	10,373,540	11,784,992	12,497,817	4,073,824	4,345,208	34,566,349
6. Originating on own trunk lines	-	-	-	-	-	-
7. Received from foreign pipe line connections	10,185,502	11,421,002	11,832,063	3,852,389	4,084,789	35,438,567
8. Received from other carriers (rail, truck)	188,088	363,990	665,754	221,435	260,419	1,217,782
9. Total Delivered* (10+11)	17,948,823	24,484,672	28,503,897	9,675,372	9,601,901	71,037,392
10. Less: Delivered to other Canadian trunk lines	1,567,118	3,282,864	4,064,487	1,440,212	1,517,466	8,904,469
11. Net Delivered (12+13+14)	16,381,705	21,201,818	24,549,410	8,235,160	8,084,435	62,132,933
12. Terminated on own trunk lines	15,497,104	17,175,316	19,285,731	6,569,832	6,478,841	51,958,151
13. Delivered to foreign pipe line connections	884,601	-	5,263,679	1,665,328	1,605,594	10,174,782
14. Delivered to other carriers (rail, truck)	-	-	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	First Quarter	Second Quarter	Third Quarter	August 1951	September 1951	Total Year to date
15. Total Received (16+17)	Barrels 6,897,567	Barrels 10,186,268	Barrels 13,127,810	Barrels 4,668,267	Barrels 4,148,285	Barrels 30,211,645
16. Less: Received from other gathering systems	-	-	-	-	-	-
17. Net Received (18+19)	6,897,567	10,186,268	13,127,810	4,668,267	4,148,285	30,211,645
18. Originating on own gathering system	6,770,874	10,000,526	13,075,848	4,742,756	4,135,728	29,847,048
19. Received from other carriers (rail, truck)	126,693	185,742	52,162	25,511	12,557	364,597
20. Total Delivered* (21+22+23)	6,330,504	10,231,111	13,123,743	4,689,692	4,110,708	30,285,358
Less: Delivered to other pipe lines-						
21. Own trunk system	2,776,679	3,532,803	4,046,061	1,420,217	1,315,566	10,355,543
22. Other pipe lines	3,474,037	6,013,433	8,173,346	2,877,851	2,551,250	17,860,876
23. Net Delivered (24+25)	679,728	684,875	904,336	391,624	243,892	2,268,939
24. Terminated on gathering systems	51,623	96,755	215,867	111,104	77,051	374,245
25. Delivered to other carriers (rail, truck)	513,105	588,120	688,469	280,520	166,841	1,894,694

* Includes duplications.

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		First Quarter	Second Quarter	Third Quarter	August 1951	September 1951	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta	Gathering	6,897,567	10,186,268	13,127,810	4,668,267	4,148,285	30,211,645
	Trunk	188,038	363,990	665,754	221,435	260,419	1,217,782
Quebec (1)	Trunk	10,185,502	11,421,002	11,832,063	3,852,389	4,084,789	33,438,567
Net Received	Trunk	10,373,540	11,784,992	12,497,817	4,073,824	4,345,208	34,656,349
	Total	17,271,107	21,971,260	25,625,627	8,742,091	8,493,493	64,867,994

(1) Receipts from U.S. pipe lines at Highwater, Que.

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED

TABLE 4 OR WERE TRANSFERRED TO OTHER CARRIERS

Province		First Quarter	Second Quarter	Third Quarter	August 1951	September 1951	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta	Gathering	679,728	684,875	904,336	391,624	243,892	2,268,939
	Trunk	2,448,715	2,423,399	3,245,641	1,252,629	958,614	8,117,755
Saskatchewan	Trunk	2,348,539	2,248,445	2,670,325	883,598	843,484	7,267,309
Manitoba (2)	Trunk	1,383,992	5,166,941	6,820,287	2,266,098	2,200,612	13,371,220
Quebec	Trunk	10,200,459	11,363,033	11,813,157	3,832,835	4,081,725	33,376,649
Net Delivered	Trunk	16,381,705	21,201,818	24,549,410	8,235,160	8,084,435	62,132,933
	Total	17,061,433	21,886,693	25,453,746	8,626,784	8,328,327	64,401,872
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		884,601	4,026,502	5,263,679	1,665,328	1,605,594	10,174,782

TABLE 5

OPERATING STATISTICS

Month 1951	Barrels Handled Daily Average		Total Barrel Miles (Trunk Lines)	Average Miles per Barrel (Trunk Lines)	Employees and Earnings		
	Gathering Systems	Trunk Lines			(3) Average Number	Total Salaries and Wages	Man Hours worked by Wage-Earners
	Barrels	Barrels	Millions	Miles		\$	Hours
January	83,974	205,342	1,155	181.4	481	x 146,783	31,718
February	81,715	209,234	930	158.8	490	x 146,323	27,935
March	65,783	184,665	907	158.4	490	x 149,406	31,029
April	67,967	225,434	1,391	205.7	513	x 153,166	30,167
May	128,540	288,010	2,358	264.1	532	x 177,892	33,465
June	140,246	293,110	2,389	271.7	531	x 170,494	34,384
July	139,463	300,868	2,641	283.2	563	x 176,146	33,803
August	151,281	312,108	x 2,581	266.8	558	x 184,323	39,024
September	137,024	320,063	2,505	260.9	563	186,621	35,194
First Quarter	77,006	199,431	2,992	166.7	487	x 442,512	90,682
Second Quarter	112,430	269,062	6,138	250.7	525	x 501,552	98,016
Third Quarter	142,649	310,912	7,727	270.1	561	547,090	108,021
Nine Months	110,935	260,210	16,357	237.3	525	1,491,154	(4)296,719

(3) Includes salaried employees.

(4) Includes 8,773 hours overtime.

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TABLE 6

PIPE LINE STATISTICS, BY COMPANIES.

- 5 -

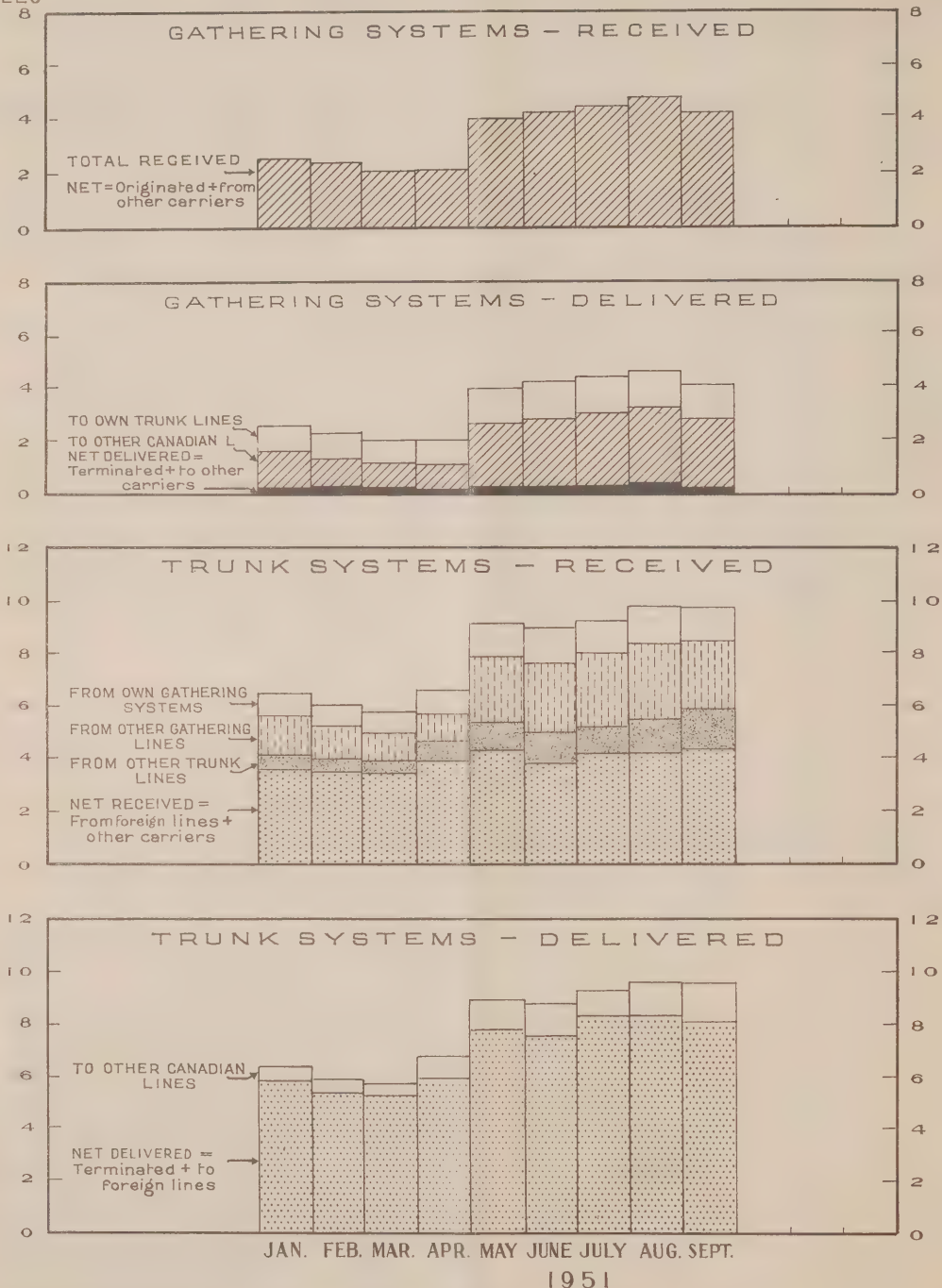
	Anglo-Canadian Oils, Ltd.	E.A.-Alberta Pipe Line Ltd.	E.A. Saskatchewan Pipe Line Ltd.	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Co. Ltd.	Valley Pipe Line Co. Ltd.	Winnipeg Pipe Line Co. Ltd.	Total
<u>TRAFFIC *</u>									
Total Received into System-									
This month (September, 1951)	71,439	421,070	186,610	3,770,521	3,231,380	4,094,789	217,113	528,039	12,570,961
This year (9 months)	586,496	2,934,032	1,720,923	26,204,072	21,824,006	33,438,557	2,231,263	2,613,145	91,612,564
Total Delivered out of System-									
This month (September, 1951)	71,439	433,365	192,865	3,739,525	3,156,804	4,081,725	197,141	523,579	12,397,043
This year (9 months)	586,496	3,062,126	1,708,405	26,191,121	21,187,396	33,376,649	2,245,072	2,609,942	90,987,207
<u>OPERATING STATISTICS</u>									
Barrels Handled - Daily Average-									
Gathering Lines-									
This month (September, 1951)	-	14,466	-	115,970	-	-	6,588	-	137,024
This year (9 months)	-	11,217	-	91,477	-	-	8,241	-	110,935
Trunk Lines-									
This month (September, 1951)	2,381	-	6,429	46,844	105,227	136,058	5,671	17,453	320,063
This year (9 months)	2,148	-	6,258	35,064	77,610	122,259	7,311	9,550	280,210
<u>TOTAL BARREL MILES</u>									
(Trunk lines - in millions)									
This month (September, 1951)	1	-	4	24	21,132	300	6	38	2,505
This year (9 months)	9	-	37	161	13,940	2,458	64	188	16,857
<u>AVERAGE MILES PER BARREL</u>									
(Trunk Lines)									
This month (September, 1951)	15.0	-	22.1	16.9	675.0	73.6	32.1	72.5	260.9
This year (9 months)	15.0	-	22.1	16.8	658.0	73.7	32.1	72.2	237.3
<u>OPERATING EXPENSES</u>									
Three months ending March 31, 1951	7,675	54,058	13,212	435,530	1,309,104	340,097	103,402	39,710	2,363,188
Six months ending June 30, "	15,115	129,377	19,497	1,231,066	4,213,928	745,377	183,280	209,888	5,753,818
Nine months ending Sept. 30, "	23,874	227,375	33,231	2,095,954	7,765,427	1,164,290	271,503	421,789	12,009,403
<u>EMPLOYEES AND EXPENSES</u>									
Number of employees (September)	-	12	-	208	251	34	46	4	563
Salaries and Wages-									
This month (September, 1951)	-	5,628	781	66,105	90,260	11,066	12,495	1,465	186,621
This year (9 months)	-	22,521	8,480	508,409	715,323	92,515	123,831	13,603	1,491,154
Man Hours Worked by Wage Earners-									
This month (September, 1951)	-	1,773	154	27,020	400	950	5,591	-	35,194
This year (9 months)	-	9,105	1,496	217,521	3,750	5,032	59,755	-	296,719

* Total includes duplication between companies.

OIL TRANSPORTED BY CANADIAN PIPE LINE SYSTEMS 1951

MILLION
BARRELS

MILLION
BARRELS



D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 1

20-4450

No. 4

PIPE LINES (OIL) STATISTICSOCTOBER, 1951

Oil pipe lines operating in Canada had net receipts of 8,622,717 barrels during October. Gathering systems accounted for 4,186,757 and trunk lines for the remaining 4,435,960 barrels. Over 4,457,500 barrels or 51.7 p.c. of the total originated in the Alberta oil fields while the balance of 4,165,164 barrels entered Canada from United States pipe line connections. October net deliveries were 202,607 barrels from gathering systems and 8,537,820 from trunk lines giving a total of 8,740,427 barrels. Barrels of crude delivered from pipe lines by provinces were: Alberta 1,279,640; Saskatchewan 995,551; Manitoba 2,256,859 (including 1,971,718 barrels for movement to Superior, Wisconsin, through the American section); and Quebec 4,208,377 barrels. Most of the oil transported to Superior ultimately reaches Ontario refineries via oil tankers plying the Great Lakes route. Winter storage facilities are being increased at Superior. South American crudes are generally carried by pipe line from Portland, Maine, to Montreal refineries.

Ten month totals of net deliveries during 1951 reached 73,142,299 barrels including 12,146,500 in transit to Superior via the Lakeshead Pipe Line Company. There were 58,932,406 barrels delivered to terminals for refining and storage while the other 2,063,393 barrels were transferred to tank trucks, railway tank cars, etc.

October net deliveries by trunk lines were a record for the year at 8,537,820 barrels, up 453,385 or 5.6 p.c. from the September figure of 8,084,435. Gathering systems again declined in net deliveries registering 202,607 barrels against 243,892 barrels in September. Total net deliveries for October of 8,740,427 barrels were the highest recorded to date and stood 412,100 barrels or 4.9 p.c. above the September aggregate of 8,328,327 barrels.

Cumulative net deliveries during the first ten months of 1951 were: trunk lines 70,670,753 barrels and gathering lines 2,471,546 barrels. Gathering systems handled a daily average of 134,970 barrels during the month under review while trunk lines increased their daily average from 320,063 in September to 324,392 barrels in October. Barrel miles performed by trunk lines advanced from 2,505 million in September to 2,598 million in October. The average miles per barrel carried, however, decreased from 260.9 to 258.4 miles.

Total salaries and wages of the 559 persons employed during October amounted to \$187,301, an increase of \$680 and a decrease of 4 employees from the September totals of \$186,621 and 563 employees.

Montreal Pipe Line carried the greatest volume of oil during October with total deliveries of 4,208,377 barrels or a daily average of 138,714 barrels. Imperial Pipe Line delivered a daily average of 114,376 barrels from its gathering system.

Prepared in the Public Finance and Transportation Division

Interprovincial Pipe Line performed a total of 2,232 million barrel miles in trunk lines during the month and transported each barrel of oil an average of 640 miles.

Totals shown in table 6 for receipts and deliveries vary from those given in tables 1 and 2 since table 6 data include all oil received and delivered in inter-company transactions. Reconciliation of these differences follows:

	<u>Barrels</u>
Total Received into Systems - all companies - during first ten months of 1951 per table 6	104,124,248
Received into Trunk Lines from Other Canadian Pipe Lines	30,633,537
"Net Received" into Canadian Pipe Line Systems	73,490,711
"Net Received" into Trunk Systems per table 1	39,092,309
"Net Received" into Gathering Systems per table 2..	34,398,402
Total Delivered out of Systems - all companies - during first ten months of 1951 per table 6	103,590,823
Delivered to Other Canadian Pipe Lines	30,448,524
"Net Delivered" from Canadian Pipe Line Systems ...	73,142,299
"Net Delivered" from Trunk Systems per table 1	70,670,753
"Net Delivered" from Gathering Systems per table 2..	2,471,546

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the ten-month period covered by this report and are given herewith:

Oil Balance - All Companies - January - October, 1951

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1951	1,896,922	
Total Carriers Balances - January 1, 1951	209,935	2,106,857
Received into Gathering Systems, Jan. 1 to Oct. 31, 1951 ..	34,398,402	
Received into Trunk Systems, Jan. 1 to Oct. 31, 1951	81,698,180	116,096,582
Total oil accountable for period		118,203,439
Delivered from Gathering Systems, Jan.1 to Oct. 31, 1951	34,469,439	
Delivered from Trunk Systems, Jan. 1 to Oct. 31, 1951	81,093,718	115,563,157
Balance to be accounted for at October 31, 1951		2,640,282
Oil consumed as fuel and losses		127,073
Balance on hand - Oct. 31, 1951		2,513,209
Total Shippers Balances - Oct. 31, 1951	2,190,085	
Total Carriers Balances - Oct. 31, 1951	323,124	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

1 9 5 1	Transit and Storage Co.	Susquehanna Pipe Line Co.
	Crude Petroleum	Butane
	Barrels	Barrels
First Quarter	3,901,061	104,854
Second Quarter	2,503,181	136,165
Third Quarter	1,799,332	173,067
October	649,052	59,938
Total - January-October	8,852,626	474,024

OIL CARRIED BY PIPE LINES - TRUNK

TABLE 1

	First Quarter	Second Quarter	Third Quarter	September 1951	October 1951	Total Year to date Barrels
1. Total Received* (2+3+4+5)						
Less: Received from other Canadian pipe lines-						
2. Own gathering system	18,271,236	24,718,426	28,766,800	9,738,242	9,941,718	81,698,180
3. Other pipe lines - Gathering	2,776,679	3,532,803	4,046,061	1,315,566	1,616,791	11,972,334
4. Trunk	3,564,342	6,131,818	8,187,066	2,564,177	2,367,720	20,350,946
5. Net Received (6+7+8)	1,556,675	3,268,813	4,035,856	1,523,231	1,521,247	10,382,591
6. Originating on own trunk lines	10,373,540	11,784,992	12,497,817	4,345,208	4,435,960	39,032,309
7. Received from foreign pipe line connections	10,185,502	11,421,002	11,832,063	4,084,789	4,165,164	37,603,731
8. Received from other carriers (rail & truck)	188,038	363,990	665,754	260,419	270,796	1,488,578
9. Total Delivered* (10+11)	17,948,823	24,484,672	28,503,897	9,601,901	10,056,326	81,093,718
10. Less: Delivered to other Canadian trunk lines	1,567,118	3,282,854	4,054,487	1,517,466	1,518,506	10,422,965
11. Net Delivered (12+13+14)	16,381,705	21,201,818	24,549,410	8,084,435	8,537,820	70,670,753
12. Terminated on own trunk lines	15,497,104	17,175,316	19,285,731	6,478,841	6,566,102	58,524,253
13. Delivered to foreign pipe line connections	884,601	4,026,502	5,263,679	1,605,594	1,971,718	12,146,500
14. Delivered to other carriers (rail & truck)	-	-	-	-	-	-

* Includes duplications

OIL CARRIED BY PIPE LINES - GATHERING

TABLE 2

	First Quarter	Second Quarter	Third Quarter	September 1951	October 1951	Total Year to date Barrels
15. Total Received (16+17)						
16. Less: Received from other gathering systems						
17. Net Received (18+19)	6,237,567	10,186,268	13,127,810	4,148,285	4,186,757	34,398,402
18. Originating on own gathering system	6,237,567	10,186,268	13,127,810	4,148,285	4,186,757	34,398,402
19. Received from other carriers (rail & truck)	126,593	185,742	52,162	12,557	10,864	375,461
20. Total Delivered* (21+22+23)	6,240,804	10,231,111	13,123,743	4,110,708	4,134,081	34,469,439
21. Less: Delivered to other pipe lines-						
22. Own trunk system	2,776,679	3,532,803	4,046,061	1,315,566	1,616,791	11,972,334
23. Other pipe lines	3,474,097	6,013,433	8,173,346	2,551,250	2,364,683	20,025,559
24. Net Delivered (25+26)	679,926	684,875	904,336	243,892	352,607	2,471,546
25. Terminated on gathering systems	61,023	96,785	211,867	77,951	33,908	408,153
26. Delivered to other carriers (rail & truck)	61,803	888,130	692,469	156,841	168,699	2,063,493

* Includes duplications

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	First Quarter	Second Quarter	Third Quarter	September 1951	October 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	6,897,567	10,186,268	13,127,810	4,148,285	4,186,757	34,398,402
Trunk	188,038	353,990	665,754	260,419	270,796	1,488,578
Quebec (1) - Trunk	10,185,502	11,421,002	11,832,063	4,084,789	4,165,164	37,603,731
Net received - Trunk	10,373,540	11,784,992	12,497,817	4,345,208	4,435,960	39,092,309
Total	17,271,107	21,971,260	25,625,627	8,493,493	8,622,717	73,490,711

(1) Receipts From U.S. pipe lines at Highwater, Que.

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED

TABLE 4 OR WERE TRANSFERRED TO OTHER CARRIERS

	First Quarter	Second Quarter	Third Quarter	September 1951	October 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	679,728	684,875	904,336	243,892	202,607	2,471,546
Trunk	2,448,715	2,423,399	3,245,641	958,614	1,077,033	9,194,788
Saskatchewan - Trunk	2,348,539	2,248,445	2,670,325	843,484	995,551	8,262,860
Manitoba (2) - Trunk	1,383,992	5,166,941	6,820,287	2,200,612	2,256,859	15,628,079
Quebec - Trunk	10,200,459	11,363,033	11,813,157	4,081,725	4,208,377	37,585,026
Net Delivered- Trunk	16,381,705	21,201,818	24,549,410	8,084,435	8,537,820	70,670,753
Total	17,061,433	21,886,693	25,453,746	8,328,327	8,740,427	73,142,299
(2) Including deliveries to U.S. pipe lines at Gretna, Man.	884,601	4,026,502	5,263,679	1,605,594	1,971,718	12,146,500

TABLE 5 OPERATING STATISTICS

Month 1951	Barrels Handled Daily Average		Total Barrel Miles (Trunk Lines)	Average Miles per Barrel (Trunk Lines)	Employees and Earnings		
	Gathering Systems	Trunk Lines			(3) Average Number	Total Salaries and Wages	Man Hours worked by Wage earners
	Barrels	Barrels	Millions	Miles		\$	Hours
January	83,974	205,342	1,155	181.4	481	146,783	31,718
February	81,715	209,234	930	158.8	490	146,323	27,935
March	65,783	184,665	907	158.4	490	149,406	31,029
April	67,967	225,434	1,391	205.7	513	153,166	30,167
May	128,540	288,010	2,358	264.1	532	177,892	33,465
June	140,246	293,110	2,389	271.7	531	170,494	34,384
July	139,463	300,858	2,641	283.2	563	176,146	33,803
August	151,281	312,108	2,581	266.8	558	184,323	39,024
September	137,024	320,063	2,505	260.9	563	186,621	35,194
October	134,970	324,396	2,598	258.4	559	187,301	37,447
First Quarter	77,006	199,431	2,992	166.7	487	442,512	90,682
Second Quarter	112,430	269,062	6,138	250.7	525	501,552	98,016
Third Quarter	142,649	310,912	7,727	270.2	561	547,090	108,021
Ten Months	113,387	266,756	19,455	239.9	528	1,678,455	(4) 334,166

(3) Includes salaried employees

(4) Includes 10,178 hours overtime

TABLE 6

PIPE LINE STATISTICS, BY PROVINCES

October, 1951

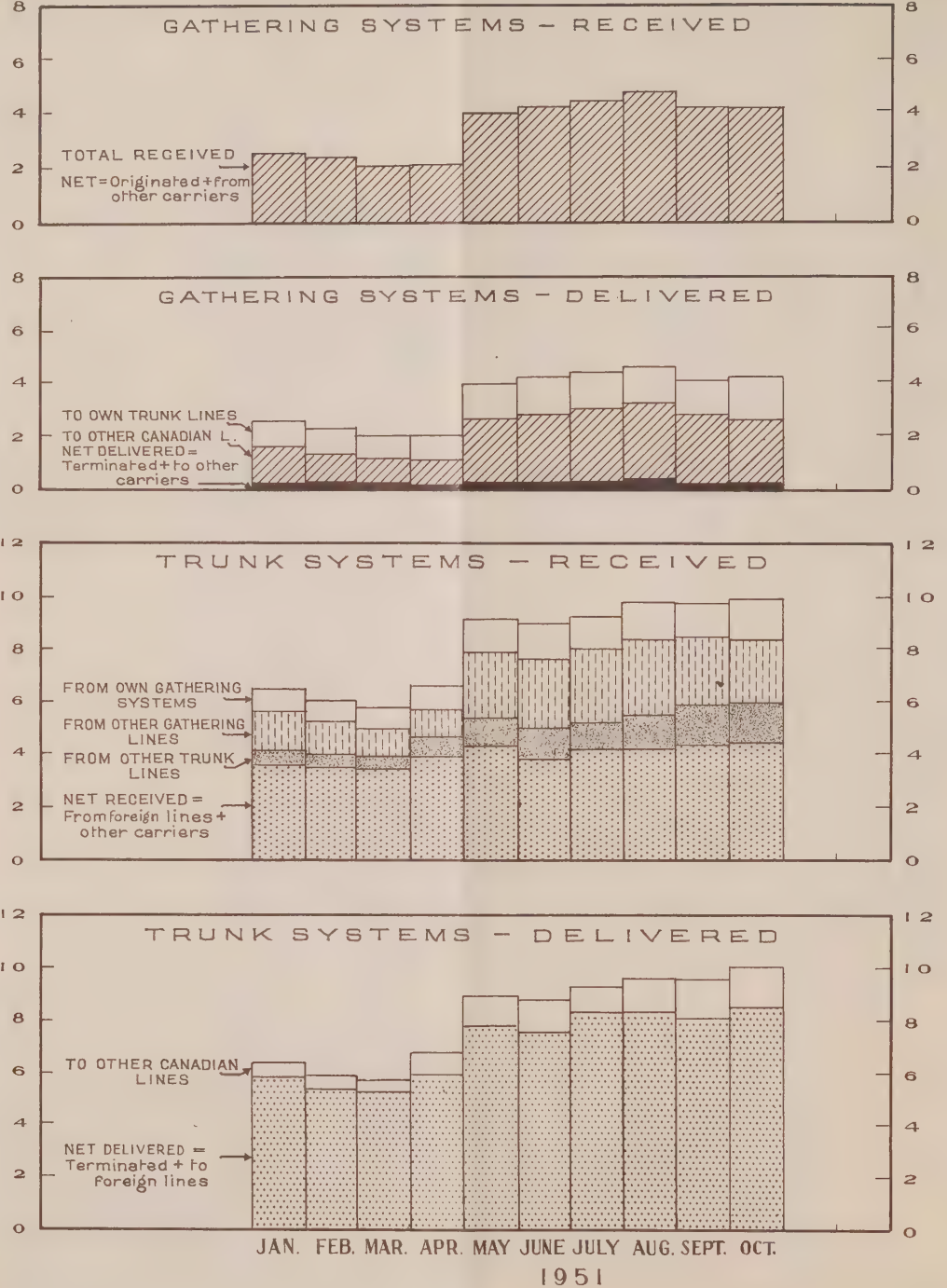
	Anglo-Canadian Oils, Ltd.	E.A.-Alberta Pipe line Ltd.	E.A.-Saskatchewan Pipe Line, Ltd.	Imperial Pipe Line Co. Ltd.	Inter-provincial Pipe Line Co.	Montreal Pipe Line Co., Ltd.	Valley Pipe Line Co., Ltd.	Winnipeg Pipe Line Co., Ltd.	Total
TRAFFIC*									
Total Received into System-				Barrels					
This month (October, 1951)	64,628	368,294	190,540	3,826,553	3,412,969	4,165,164	282,706	202,830	12,511,684
This year (10 months)	651,124	3,362,386	1,911,463	30,030,625	26,236,975	37,603,751	2,493,969	2,833,975	104,124,248
Total Delivered out of System-									
This month (October, 1951)	64,628	371,025	190,877	3,816,464	3,485,251	4,208,377	266,481	220,513	12,623,616
This year (10 months)	651,124	3,433,151	1,899,282	30,007,585	24,672,647	37,585,026	2,511,553	2,830,455	103,590,823
OPERATING STATISTICS									
Barrels Handled - Daily Average									
Gathering Lines-									
This month (October, 1951)	-	11,969	-	114,376	-	-	8,625	-	134,970
This year (10 months)	-	11,293	-	93,813	-	-	8,281	-	113,387
Trunk Lines-									
This month (October, 1951)	2,085	-	6,157	53,341	112,427	135,754	7,519	7,113	324,396
This year (10 months)	2,141	-	6,248	36,928	81,160	123,635	7,333	9,311	286,756
TOTAL BARREL MILES									
(Trunk lines - in millions)				Miles					
This month (October, 1951)	1	-	4	28	2,232	310	7	16	2,598
This year (10 months)	10	-	41	189	16,172	2,768	71	204	19,455
AVERAGE MILES PER BARREL									
(Trunk Lines)									
This month (October, 1951)	15.0	-	22.1	16.9	640.0	73.5	32.0	72.2	258.4
This year (10 months)	15.0	-	22.1	16.8	555.0	73.6	32.1	72.2	239.9
OPERATING REVENUES									
				Dollars					
Three months ending Mar. 31, 1951	7,675	54,052	13,612	495,530	1,309,104	340,097	103,402	39,710	2,363,188
Six months ending June 30, 1951	15,115	123,377	19,867	1,231,066	4,213,828	745,377	189,280	203,888	6,753,818
Nine months ending Sept. 30, 1951	23,874	227,375	39,131	2,095,954	7,765,427	1,154,290	271,563	421,789	12,009,403
EMPLOYEES AND EARNINGS									
Number of employees (October)	-	10	5	208	251	36	45	3	559
Salaries and Wages-				Dollars					
This month (October, 1951)	-	3,844	806	66,944	87,176	11,867	15,422	1,242	187,301
This year (10 months)	-	37,355	7,256	576,352	802,999	104,385	139,253	14,845	1,678,455
Man Hours Worked by Wage Earners-				Hours					
This month (October, 1951)	-	1,041	95	27,311	1,143	904	6,452	-	37,447
This year (10 months)	-	10,146	1,592	245,332	4,833	5,936	60,207	-	334,166

*Total includes duplication between companies.

OIL TRANSPORTED BY CANADIAN PIPE LINE SYSTEMS 1951

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D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 1

20-4450

No. 5

PIPE LINES (OIL) STATISTICSNOVEMBER, 1951

A net total of 7,828,524 barrels of oil were received into Canadian oil pipe lines in November. This represented a seasonal drop of 9.2 p.c. from October when net receipts stood at 8,622,717 barrels. The Alberta oil fields accounted for 4,273,372 barrels or 54.6 p.c. of the November total with the remaining 4,057,309 barrels entering Canada from United States pipe lines. Net deliveries from both gathering and trunk lines were lower in November being 178,031 and 7,870,201 barrels, down 24,576 and 667,619 barrels respectively, from the October deliveries. Oil terminated or delivered by provinces amounted to: 1,245,796 barrels in Alberta; 699,124 in Saskatchewan; 2,007,857 in Manitoba (including 1,511,842 delivered to Lakehead Pipe Line Company—the United States section of the Interprovincial Pipe Line Company system) and 4,095,455 barrels in Quebec out of the Portland connection.

During the first eleven months of 1951, a net total of 81,190,531 barrels were delivered in Canada including 13,658,342 barrels for in transit movement through Superior, Wisconsin, with delivery to Ontario refineries via lake tankers. Refinery and storage terminal deliveries amounted to 65,325,045 barrels while 2,207,144 barrels were transferred for rail and road transport. Gathering systems delivered a net total of 2,649,577 barrels to the end of November while trunk lines delivered 78,540,954 barrels during the eleven months period.

Both gathering and trunk lines showed considerable declines in their daily averages of barrels handled during November. The average for gathering systems fell from 134,970 daily in October to a November movement of 118,925 barrels while the drop for trunk lines was from the October high of 324,396 to November's 315,822 barrels per diem. Total barrel miles reported for oil moved through trunk lines was reduced 332 million miles under the preceding month to a November total of 2,266 million barrel miles. The average length of haul again decreased at 239.1 miles per barrel of oil transported during November. Wages and salaries of employees totalled \$183,941 for the 562 persons employed compared with \$187,501 received in October by 559 workers.

The Montreal Pipe Line transported the largest volume of oil during November with deliveries of 4,095,455 barrels during the 30 days or an average of 136,515 barrels per day, an increase from the daily average of 114,376 barrels delivered in October. The gathering system of Imperial Pipe Line Company delivered a daily average of 99,828 barrels, down 14,548 barrels per day from the October movement but still the largest by far for gathering systems. Winnipeg Pipe Line more than doubled its October oil movement with 449,609 barrels delivered and 33 million barrel miles performed in November. Interprovincial Pipe Line deliveries dropped by some 559,000 barrels and stood at 2,926,180 barrels during November. This resulted in a decrease of 340 million barrel miles to the November crude oil movement of 1,892 million barrel miles performed by Interprovincial. The company moved oil an average of 647 miles, a slight increase over the October mileage of 640.

Table 6 totals are greater than those in tables 1 and 2 by the amount of duplication

Prepared in the Public Finance and Transportation Division

UNIVERSITY OF TORONTO

DEPT. OF PUBLIC AFFAIRS

resulting from inter-company transactions. Reconciliation of differences is given below:

	Barrels
<u>Total Received into Systems - all companies -</u>	
during first eleven months of 1951 per table 6	115,432,115
Received into Trunk Lines from Other	
Canadian Pipe Lines	34,112,880
"Net Received" into Canadian Pipe Line Systems	81,319,735
"Net Received" into Trunk Systems per table 1	43,365,681
"Net Received" into Gathering Systems per table 2	37,953,554
<u>Total Delivered out of Systems - all companies -</u>	
during first eleven months of 1951 per table 6	115,092,078
Delivered to Other Canadian Pipe Lines	33,901,547
"Net Delivered" from Canadian Pipe Line Systems	81,190,531
"Net Delivered" from Trunk Systems per table 1	78,540,954
"Net Delivered" from Gathering Systems per table 2	2,649,577

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the ten-month period covered by this report and are given herewith:

Oil Balance - All Companies - January - November, 1951

	Barrels	Barrels
Total Shippers Balances - January 1, 1951	1,896,922	
Total Carriers Balances - January 1, 1951	209,935	2,106,857
Received into Gathering Systems, January 1 to November 30, 1951	37,953,554	
Received into Trunk Systems, January 1 to November 30, 1951 ..	90,992,063	128,945,617
Total oil accountable for period		131,052,474
Delivered from Gathering Systems, January 1 to Nov. 30, 1951	38,037,197	
Delivered from Trunk Systems, January 1 to November 30, 1951	90,568,383	128,605,580
Balance to be accounted for at November 30, 1951		2,446,894
Oil consumed as fuel and losses		140,656
<u>Balance on hand - November 30, 1951</u>		<u>2,306,238</u>
Total Shippers Balances - November 30, 1951	1,997,467	
Total Carriers Balances - November 30, 1951	308,771	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

1951	Transit and Storage Co. Crude Petroleum	Susquehanna Pipe Line Co. Butane
	Barrels	Barrels
First Quarter	3,901,061	104,854
Second Quarter	2,503,181	136,165
Third Quarter	1,799,332	173,067
October	649,052	59,938
November	635,950	55,190
Eleven Month Total	9,488,576	529,214

OIL CARRIED BY PIPE LINES - TRUNK

TABLE 1

	First Quarter	Second Quarter	Third Quarter	October 1951	November 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	18,271,236	24,718,426	28,766,800	9,941,718	9,293,883	90,992,063
Less: Received from other Canadian pipe lines-						
2. Own gathering system	2,776,679	3,532,803	4,046,061	1,616,791	1,541,168	13,513,502
3. Other pipe lines - Gathering	3,554,342	6,131,818	8,187,066	2,367,720	1,850,880	22,101,826
4. Trunk	1,556,675	3,268,813	4,035,856	1,521,247	1,628,453	12,011,054
5. <u>Net Received</u> (6+7+8)	10,373,540	11,784,992	12,497,817	4,435,960	4,273,372	43,356,681
6. Originating on own trunk lines	-	-	-	-	-	-
7. Received from foreign pipe line connections	10,185,502	11,421,002	11,832,063	4,165,164	4,057,309	41,561,040
8. Received from other carriers (rail & truck)	188,038	363,990	665,754	270,796	216,063	1,704,641
9. <u>Total Delivered*</u> (10+11)	17,948,823	24,484,672	28,603,897	10,056,326	9,474,665	90,568,383
10. Less: Delivered to other Canadian trunk lines	1,567,118	3,282,854	4,054,487	1,518,506	1,604,454	12,027,429
11. <u>Net Delivered</u> (12+13+14)	16,381,705	21,201,818	24,549,410	8,537,820	7,870,201	78,540,954
12. Terminated on own trunk lines	15,497,104	17,175,316	19,285,731	6,566,102	6,358,359	64,892,612
13. Delivered to foreign pipe line connections	884,601	4,026,502	5,263,679	1,971,718	1,511,842	13,658,342
14. Delivered to other carriers (rail & truck)	-	-	-	-	-	-

TABLE 2
OIL CARRIED BY PIPE LINES - GATHERING

	First Quarter	Second Quarter	Third Quarter	October 1951	November 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	6,897,567	10,186,268	13,127,810	4,186,757	3,555,152	37,953,554
16. Less: Received from other gathering systems	-	-	-	-	-	-
17. <u>Net Received</u> (18+19)	6,897,567	10,186,268	13,127,810	4,186,757	3,555,152	37,953,554
18. Originating on own gathering system	6,770,874	10,000,626	13,073,643	4,175,868	3,544,208	37,568,208
19. Received from other carriers (rail & truck)	126,693	185,742	52,162	10,864	4,888	380,349
20. <u>Total Delivered*</u> (21+22+23)	6,920,564	10,231,111	13,123,743	4,194,041	3,567,768	38,047,187
Less: Delivered to other pipe lines-						
21. Own trunk system	2,776,679	3,532,803	4,046,061	1,616,791	1,541,168	13,513,502
22. Other pipe lines	3,474,097	6,013,433	8,173,346	2,364,683	1,848,559	21,874,118
23. <u>Net Delivered</u> (24+25)	679,728	684,875	904,336	202,567	178,031	2,649,577
24. Terminated on gathering systems	61,523	96,755	215,837	37,703	34,350	442,133
25. Delivered to other carriers (rail & truck)	618,105	588,120	688,499	168,699	143,751	2,207,144

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		First Quarter	Second Quarter	Third Quarter	October 1951	November 1951	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	6,897,567	10,186,268	13,127,810	4,186,757	3,555,152	37,963,554
	Trunk	188,038	363,990	665,754	270,796	216,063	1,704,641
Quebec (1)	- Trunk	10,185,502	11,421,002	11,832,063	4,165,164	4,057,309	41,661,040
Net received - Trunk		10,373,540	11,784,992	12,497,817	4,435,960	4,273,372	43,365,681
Total		17,271,107	21,971,260	25,625,627	8,622,717	7,828,524	81,319,235

(1) Receipts from U.S. pipe lines at Highwater, Que.

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED

TABLE 4

OR WERE TRANSFERRED TO OTHER CARRIERS

Province		First Quarter	Second Quarter	Third Quarter	October 1951	November 1951	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	679,728	684,875	904,336	202,607	178,031	2,649,577
	Trunk	2,448,715	2,423,399	3,245,641	1,077,033	1,067,765	10,262,553
Saskatchewan - Trunk		2,348,539	2,248,445	2,670,325	995,551	699,124	8,961,984
Manitoba (2) - Trunk		1,383,992	5,166,941	6,820,287	2,256,859	2,007,857	17,635,936
Quebec - Trunk		10,200,459	11,363,033	11,813,157	4,208,377	4,095,455	41,680,481
Net Delivered- Trunk		16,381,705	21,201,818	24,549,410	8,537,820	7,870,201	78,540,954
Total		17,061,433	21,886,693	25,453,746	8,740,427	8,048,232	81,190,531
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		884,601	4,026,502	5,263,679	1,971,718	1,511,842	13,658,342

TABLE 5

OPERATING STATISTICS

Month 1951	Barrels Handled Daily Average		Total Barrel Miles (Trunk Lines)	Average Miles per Barrel (Trunk Lines)	Employees and Earnings		
	Gathering Systems	Trunk Lines			Average Number (3)	Total Salaries & Wages \$	Man Hours worked by Wage-Earners
	Barrels	Barrels	Millions	Miles			Hours
January	83,974	205,342	1,155	181.4	481	146,783	31,716
February	81,715	209,234	930	158.8	490	146,323	27,935
March	65,783	184,665	907	158.4	490	149,406	31,029
April	67,967	225,434	1,391	205.7	513	153,166	30,167
May	128,540	288,010	2,358	264.1	532	177,892	33,465
June	140,246	293,110	2,389	271.7	531	170,494	34,384
July	139,463	300,858	2,641	283.2	563	176,146	33,803
August	151,281	312,108	2,581	266.8	558	184,323	39,024
September	137,024	320,063	2,505	260.9	563	186,621	35,194
October	134,970	324,396	2,598	258.4	559	187,301	37,447
November	118,925	315,822	2,266	239.1	562	183,941	32,166
First Quarter	77,006	199,431	2,992	166.7	487	442,512	90,682
Second Quarter	112,430	269,062	6,138	250.7	525	501,552	98,016
Third Quarter	142,649	310,912	7,727	270.2	561	547,090	108,021
Eleven Months	113,884	271,163	21,721	239.8	531	1,862,396	(4)366,332

(3) Includes salaried employees

(4) Includes 10,718 hours overtime.

PIPE LINE STATISTICS, BY COMPANIES

November, 1951

TABLE 6

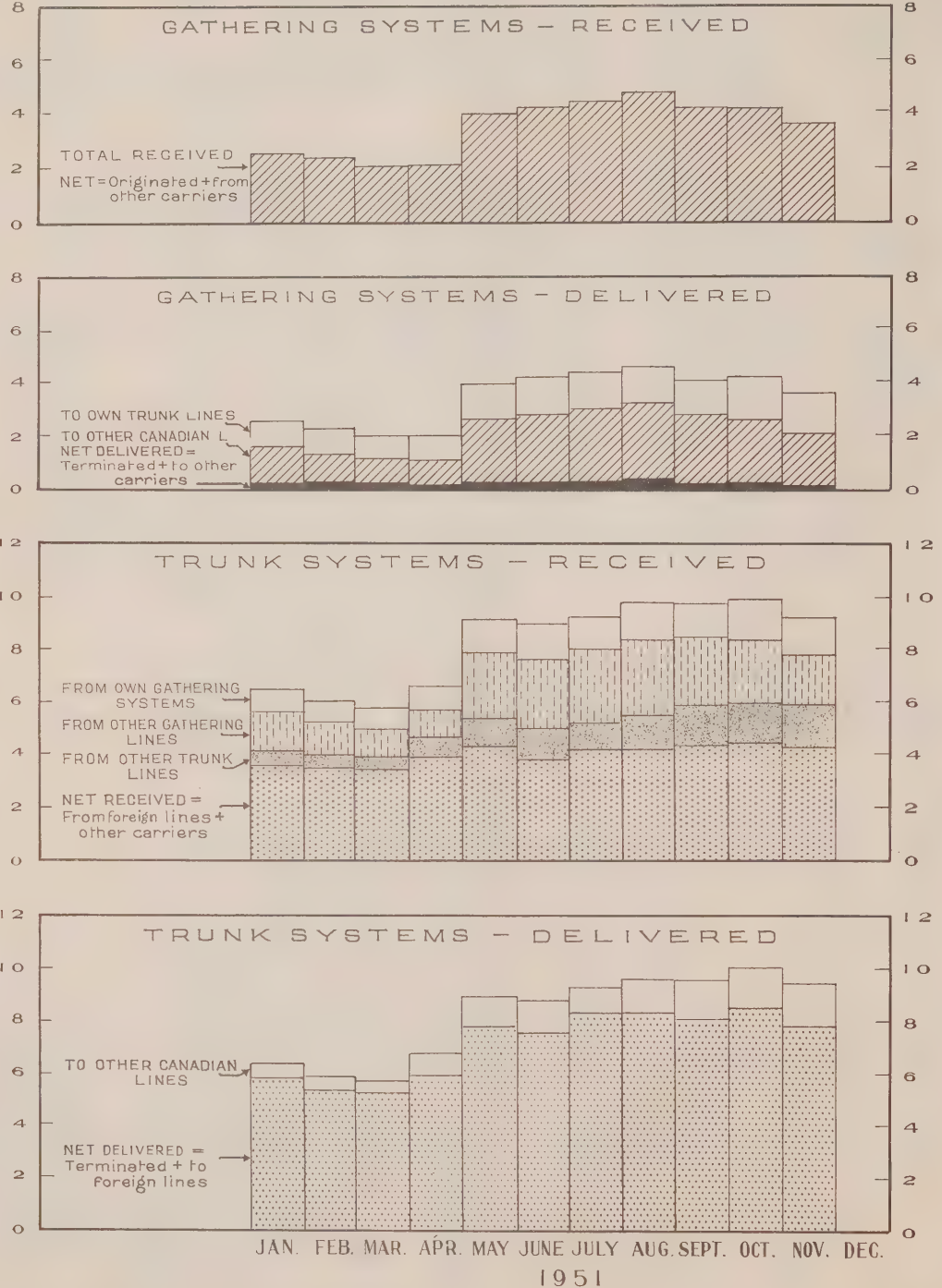
	Anglo- Canadian Oils, Ltd.	B.A.-Alberta Pipe Line Ltd.	B.A. Saskatchewan Pipe Line Ltd.	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Co. Ltd.	Valley Pipe Line Co. Ltd.	Winnipeg Pipe Line Co. Ltd.	Total
TRAFFIC*									
Total Received into System-									
This month (November, 1951)	46,406	296,255	209,541	3,201,524	2,772,182	4,057,309	273,436	451,214	11,307,867
This year (11 months)	697,530	3,658,641	2,121,004	33,232,149	28,009,157	41,661,040	2,767,405	3,285,189	115,432,115
Total Delivered out of System-									
This month (November, 1951)	46,406	293,908	201,005	3,210,912	2,926,180	4,095,455	277,780	449,609	11,501,255
This year (11 months)	697,530	3,727,059	2,100,287	33,218,497	27,598,827	41,680,481	2,799,333	3,280,064	115,092,078
OPERATING STATISTICS									
Barrels Handled - Daily Average									
Gathering Lines-									
This month (November, 1951)	-	9,797	-	99,828	-	-	9,300	-	118,925
This year (11 months)	-	11,159	-	94,353	-	-	8,372	-	113,884
Trunk Lines-									
This month (November, 1951)	1,547	-	6,700	50,404	97,539	136,515	8,130	14,987	315,822
This year (11 months)	2,089	-	6,288	38,138	82,631	124,792	7,404	9,821	271,163
TOTAL BARREL MILES									
(Trunk lines - in millions)			Miles						
This month (November, 1951)	1	-	5	26	1,892	301	8	33	2,266
This year (11 months)	11	-	46	215	18,064	3,069	79	237	21,721
AVERAGE MILES PER BARREL									
(Trunk Lines)									
This month (November, 1951)	15.0	-	22.1	16.9	647.0	73.6	32.4	72.8	239.1
This year (11 months)	15.0	-	22.1	16.8	655.0	73.6	32.1	72.3	239.8
OPERATING REVENUES									
Three months ending Mar. 31, 1951	7,675	54,068	13,612	495,530	1,309,104	340,097	103,402	39,710	2,753,188
Six months ending June 30, 1951	15,115	122,379	19,487	1,331,000	4,213,328	745,377	186,280	267,898	5,733,818
Nine months ending Sept. 30, 1951	23,874	227,372	39,131	2,095,354	7,763,427	1,164,250	271,563	421,782	11,003,403
EMPLOYEES AND EARNINGS									
Number of employees (November)	-	10	5	211	253	35	45	3	562
Salaries and Wages-									
This month (November, 1951)	-	3,755	932	64,546	88,967	11,290	13,209	1,242	183,941
This year (11 months)	-	37,124	8,186	640,396	891,966	115,375	152,460	16,087	1,828,396
Man Hours Worked by Wage Earners-									
This month (November, 1951)	-	826	134	24,434	460	438	5,875	-	32,166
This year (11 months)	-	10,771	1,702	223,766	3,838	6,434	72,082	-	306,332

* Totals include duplications between companies.

OIL TRANSPORTED BY CANADIAN PIPE LINE SYSTEMS 1951

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No. 6

PIPE LINES (OIL) STATISTICSDECEMBER, 1951

During the last month of the year the oil movement through Canadian pipe lines reflected the normal seasonal reduction in demand for oil products, as well as the closing of navigation on the Great Lakes. The net of 7,322,458 barrels received was 506,066 barrels or 6.5 p.c. under November receipts. A decline of 860,539 barrels or some 11 p.c. was experienced in net deliveries which amounted to 7,187,693 barrels during December as compared with 8,048,232 barrels in the preceding month. By provinces, oil deliveries were as follows during the month under review: Alberta 949,633 barrels, Saskatchewan 820,714, Manitoba 585,377 barrels for provincial consumption and 867,413 routed in transit to Superior. Quebec province reported 3,964,556 barrels.

Gathering systems handled a daily average of 100,894 barrels while 286,264 barrels per day were moved through trunk lines during the month of December. Averages for the year were: gathering systems 112,781 and trunk lines 272,445 barrels per diem. Trunk line carriers performed a total movement of 1,894 million barrel miles to bring the grand total for 1951 to 23,615 million barrel miles. The average distance that oil moved through trunk lines was 212.2 miles per barrel in December and 237.4 miles per barrel over the 12 month period. December employment figures showed 591 employees earning \$200,936 while an average of 536 persons employed throughout the year earned a total \$2,063,332 in straight time and overtime salaries and wages. Total hours worked by wage-earning employees in 1951 amounted to 399,226.

Preliminary totals show net receipts of 88,641,693 barrels into Canadian pipe lines for the year 1951. Net deliveries during the year amounted to 88,378,224 barrels, 85,622,382 from trunk lines and 2,755,842 barrels from gathering systems.

Two new pipe lines came into operation during the month under review. Texaco Exploration Company, with a 41 mile trunk line, turned on their valves December 4th and oil commenced to flow through the Edmonton Pipe Line Company's 20 mile trunk line on December 16th. The December operations of these two Alberta firms have been included in the tables of the current report except where otherwise indicated.

During December, the Montreal pipe line delivered an average of 127,889 barrels per day to give a total for the month of 3,964,556. For the whole year the company delivered 45,645,037 barrels or 125,055 a day. Imperial pipe line delivered 2,776,038 barrels out of the entire company system with a daily average of 84,742 barrels from the gathering system. Interprovincial pipe line performed 1,527 million barrel miles of oil transportation in December and the total of 19,591 million barrel miles for 1951 operations represented almost 83 p.c. of that for all companies. Oil passing through the Interprovincial company line in December travelled an average 601 miles bringing the average for the whole year to 650 miles per barrel transported by Interprovincial.

Table 6 totals are greater than those in tables 1 and 2 by the amount of duplication resulting from inter-company transactions. Reconciliation of differences is given on the following page.

	<u>Barrels</u>
<u>Total Received into Systems - all companies -</u>	
during year 1951 per table 6	126,135,987
Received into Trunk Lines from Other	
Canadian Pipe Lines	37,494,294
"Net Received" into Canadian Pipe Line Systems	<u>88,641,693</u>
"Net Received" into Trunk Systems per table 1	47,490,694
"Net Received" into Gathering Systems per table 2	41,150,999
 <u>Total Delivered out of Systems - all companies -</u>	
during year 1951 per table 6	125,672,102
Delivered to Other Canadian Pipe Lines	<u>37,293,878</u>
"Net Delivered" from Canadian Pipe Line Systems	<u>88,378,224</u>
"Net Delivered" from Trunk Systems per table 1	85,622,382
"Net Delivered" from Gathering Systems per table 2	2,755,842

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the twelve-month period covered by this report and are given herewith:

Oil Balance - All Companies - Year 1951

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1951	1,896,922	
Total Carriers Balances - January 1, 1951	209,935	2,106,857
Received into Gathering Systems, January 1 to December 31, 1951 ..	41,150,999	
Received into Trunk Systems, January 1 to December 31, 1951	100,034,609	141,135,608
Total oil accountable for period		143,292,465
Delivered from Gathering Systems, January 1 to December 31, 1951	41,229,781	
Delivered from Trunk Systems, January 1 to December 31, 1951	99,491,942	140,721,723
Balance to be accounted for at December 31, 1951		2,570,742
Oil consumed as fuel and losses		<u>157,884</u>
Balance on hand - December 31, 1951		<u>2,412,758</u>
Total Shippers Balances - December 31, 1951	2,079,274	
Total Carriers Balances - December 31, 1951	333,584	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

1 9 5 1	Transit and Storage Co. Crude Petroleum	Susquehanna Pipe Line Co. Butane
	Barrels	Barrels
First Quarter	3,901,061	104,854
Second Quarter	2,503,181	136,165
Third Quarter	1,799,332	173,067
October	649,052	59,938
November	635,950	55,190
December	656,839	51,230
Twelve Month Total	10,145,415	580,444

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

TABLE 1

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	November 1951	December 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	18,271,236	24,718,426	28,766,800	28,278,147	9,293,885	9,042,546	100,034,609
Less: Received from other Canadian pipe lines-							
Own gathering system	2,776,679	3,532,803	4,046,061	4,694,078	1,541,168	1,536,119	15,049,821
Other pipe lines - Gathering	3,564,342	6,131,818	8,187,066	5,770,897	1,850,880	1,552,297	23,654,123
Trunk	1,556,675	3,268,813	4,035,856	4,978,827	1,628,465	1,829,117	13,840,171
5. Net Received (6+7+8)	10,573,540	11,784,992	12,497,817	12,854,545	4,273,572	4,125,013	47,490,894
6. Originating on own trunk lines	-	-	-	-	-	-	-
7. Received from foreign pipe line connections	10,185,502	11,421,002	11,832,063	12,198,438	4,057,309	3,975,965	45,637,005
8. Received from other carriers (rail & truck)	188,038	363,990	665,754	635,907	216,063	149,048	1,853,689
9. Total Delivered * (10+11)	17,948,823	24,484,672	28,603,897	28,454,550	9,474,665	8,923,559	99,491,942
10. Less: Delivered to other Canadian trunk lines	1,567,118	3,282,854	4,054,487	4,965,101	1,604,464	1,842,131	13,869,560
11. Net Delivered (12+13+14)	16,381,705	21,201,818	24,549,410	23,489,449	7,870,201	7,081,428	85,622,382
12. Terminated on own trunk lines	15,497,104	17,175,516	19,285,731	19,138,476	6,358,359	6,214,015	71,096,627
13. Delivered to foreign pipe line connections	884,601	4,026,502	5,263,679	4,350,973	1,511,842	867,413	14,525,755
14. Delivered to other carriers (rail & truck)	-	-	-	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

TABLE 2

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	November 1951	December 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,897,567	10,186,268	13,127,810	10,939,354	3,558,152	3,197,445	41,150,999
16. Less: Received from other gathering systems	-	-	-	-	-	-	-
17. Net Received (18+19)	6,897,567	10,186,268	13,127,810	10,939,354	3,558,152	3,197,445	41,150,999
18. Originating on own gathering system	6,770,874	10,000,526	13,075,548	10,918,244	3,550,284	3,187,067	40,705,292
19. Received from other carriers (rail & truck)	126,693	185,742	52,162	21,110	4,868	1,378	385,707
20. Total Delivered * (21+22+23)	6,927,504	10,231,111	13,123,743	10,944,423	3,567,738	3,192,584	41,229,781
Less: Delivered to other pipe lines -							
Own trunk system	2,776,679	3,532,803	4,046,061	4,694,078	1,541,168	1,536,119	15,049,821
Other pipe lines	3,474,097	6,013,453	8,173,346	5,773,442	1,848,559	1,550,290	23,424,318
23. Net Delivered (24+25)	679,728	684,875	904,336	486,903	178,031	106,265	2,755,842
24. Terminated on gathering systems	61,623	96,755	215,867	104,276	34,280	30,088	478,521
25. Delivered to other carriers (rail & truck)	618,105	588,120	688,469	382,627	143,751	76,177	2,277,521

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	November 1951	December 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	6,897,567	10,186,268	13,127,810	10,939,354	3,555,152	3,197,445	41,150,999
Trunk	188,038	363,990	665,754	635,907	216,063	149,048	1,853,689
Quebec (1) - Trunk	10,185,502	11,421,002	11,832,063	12,198,438	4,057,309	3,975,965	45,637,005
Net received - Trunk	10,373,540	11,784,992	12,497,817	12,834,345	4,273,372	4,125,013	47,490,694
Total	17,271,107	21,971,260	25,625,627	23,773,699	7,828,524	7,322,458	88,641,693

(1) Receipts from U.S. pipe lines at Highwater, Quebec.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	November 1951	December 1951	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	679,728	684,875	904,336	486,903	178,031	106,265	2,755,842
Trunk	2,448,715	2,423,399	3,245,641	2,988,166	1,067,765	843,368	11,105,921
Saskatchewan - Trunk	2,348,539	2,248,445	2,670,325	2,515,389	699,124	820,714	9,782,698
Manitoba (2) - Trunk	1,383,992	5,166,941	6,820,287	5,717,506	2,007,857	1,452,790	19,088,726
Quebec - Trunk	10,200,459	11,363,033	11,813,157	12,268,388	4,095,455	3,964,556	45,645,037
Net Delivered- Trunk	16,381,705	21,201,818	24,549,410	23,489,449	7,870,201	7,081,428	85,622,382
Total	17,061,433	21,886,693	25,453,746	23,976,352	8,048,232	7,187,693	88,378,224
(2) Including deliveries to U.S. pipe lines at Grtna, Man.	884,601	4,026,502	5,263,679	4,350,973	1,511,842	867,413	14,525,755

TABLE 5

OPERATING STATISTICS

Month, 1951	Barrels Handled Daily Average		Total Barrel Miles (Trunk Lines)	Average Miles per Barrel (Trunk Lines)	Employees and Earnings		
	Gathering Systems	Trunk Lines			Average Number (3)	Total Salaries & Wages	Man Hours worked by Wage earners
	Barrels	Barrels	Millions	Miles		\$	Hours
January	83,974	205,342	1,155	181.4	481	146,783	31,718
February	81,715	209,234	930	158.8	490	146,323	27,935
March	65,783	184,665	907	158.4	490	149,406	31,029
April	67,967	225,434	1,391	205.7	513	153,166	30,167
May	128,540	288,010	2,358	264.1	532	177,892	33,465
June	140,246	293,110	2,389	271.7	531	170,494	34,384
July	139,463	300,858	2,641	283.2	563	176,146	33,803
August	151,281	312,108	2,581	266.8	558	184,323	39,024
September	137,024	320,063	2,505	260.9	563	186,621	35,194
October	134,970	324,396	2,598	258.4	559	187,301	37,447
November	118,925	315,822	2,266	239.1	562	183,941	32,166
December	(5) 100,894	(5) 286,264	1,894	212.2	591	200,936	32,894
First Quarter	77,006	199,431	2,992	166.7	487	442,512	90,682
Second Quarter	112,430	269,062	6,138	250.7	525	501,552	98,016
Third Quarter	142,649	310,912	7,727	270.2	561	547,090	108,021
Fourth Quarter	(5) 118,256	(5) 308,752	6,758	237.5	(5) 569	572,178	102,507
Twelve Months	(5) 112,781	(5) 272,445	23,615	237.4	(5) 536	2,063,332	(4) 399,226

(3) Includes salaried employees.

(4) Includes 11,294 hours overtime.

(5) Excludes data of Edmonton Pipe Line Co. Ltd. and Texaco Exploration Co. which commenced operations on Dec. 16 and Dec. 4, respectively.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

December, 1951

TABLE 6

December, 1951

	Anglo-Canadian Oils, Ltd.	B.A.-Alberta Pipe Line Ltd.	B.A.-Saskatchewan Pipe Line Ltd.	B a r r e l s		Imperial Pipe Line Co. Ltd.	Inter-provincial Pipe Line Company	Montreal Pipe Line Co. Ltd.	Valley Pipe Line Co. Ltd.	Winnipeg Pipe Line Co. Ltd.	Total
TATIC^c											
Total Received into System-											
This month (December, 1951)	69,747	246,674	173,667	2,783,682			2,619,286	3,975,965	251,099	518,714	(1) 10,703,872
This year (12 months)	767,277	3,905,315	2,294,671	36,015,851			30,628,443	45,637,005	3,018,504	3,803,903	(1) 126,135,987
Total Delivered out of System-											
This month (December, 1951)	69,747	245,765	163,766	2,776,038			2,541,080	3,964,556	254,065	515,630	(1) 10,580,024
This year (12 months)	767,277	3,972,824	2,284,053	35,994,535			30,139,907	45,645,037	3,043,398	3,795,694	(1) 126,672,102
OPERATING STATISTICS											
Barrels Handled - Daily Average											
Gathering Lines-											
This month (December, 1951)	-	7,927	-	84,742			-	-	8,225	-	(2) 100,894
This year (12 months)	-	10,884	-	93,537			-	-	8,360	-	(2) 112,781
Trunk Lines-											
This month (December, 1951)	2,250	-	5,283	45,195			81,970	127,889	7,044	16,633	(2) 286,264
This year (12 months)	2,102	-	6,202	38,738			82,575	125,055	7,374	10,399	(2) 272,445
TOTAL BARREL MILES											
(Trunk lines - in millions)											
This month (December, 1951)	1	-	4	24			1,527	292	7	37	(1) 1,894
This year (12 months)	12	-	50	238			19,591	3,362	86	275	(1) 23,615
AVERAGE MILES PER BARREL											
(Trunk Lines)											
This month (December, 1951)	15.0	-	22.1	17.0			601.0	73.7	31.9	72.6	(1) 212.2
This year (12 months)	15.0	-	22.1	16.8			650.0	73.6	32.1	72.3	(1) 237.4
OPERATING REVENUES											
Three months ending Mar. 31, 1951	7,675	54,058	13,612	495,530			1,309,104	340,097	103,402	39,710	2,353,188
Six months ending June 30, 1951	15,115	129,377	19,887	1,231,066			4,213,828	745,377	189,280	209,888	6,753,818
Nine months ending Sept. 30, 1951	23,874	227,375	39,131	2,095,954			7,765,427	1,154,290	271,563	421,789	12,009,403
Twelve months ending Dec.31, 1951	31,681	526,645	98,219	2,868,262			10,619,773	1,616,995	366,651	603,426	(3) 16,738,215
EMPLOYEES AND EARNINGS											
Number of employees (December)	-	11	2	211			282	33	44	3	(4) 591
Salaries and Wages-											
This month (December, 1951)	-	3,382	741	66,008			104,023	11,175	13,403	1,242	(5) 200,936
This year (12 months)	-	40,502	8,929	706,906			995,989	126,850	165,865	17,329	(5) 2,063,332
Man Hours Worked by Wage Earners-											
This month (December, 1951)	-	816	49	24,267			1,388	124	6,039	-	(6) 32,894
This year (12 months)	-	11,787	1,775	294,033			6,741	6,558	78,121	-	(6) 399,226

(1) Includes operations of Edmonton Pipe Line Co., Ltd. and Texaco Exploration Company operating 16 and 28 days respectively during December.

(2) Excludes Edmonton Pipe Line Co. Ltd. and Texaco Exploration Company.

(3) Includes revenues of Edmonton Pipe Line Co. Ltd. and Texaco Exploration Company-\$2,907 and \$3,704 respectively.

(4) Includes employees reported by Edmonton Pipe Line Co. Ltd. and Texaco Exploration Company.

(5) Includes salaries and wages of Edmonton Pipe Line Co. Ltd. and Texaco Exploration Company for month of December, \$609 and \$353 respectively.

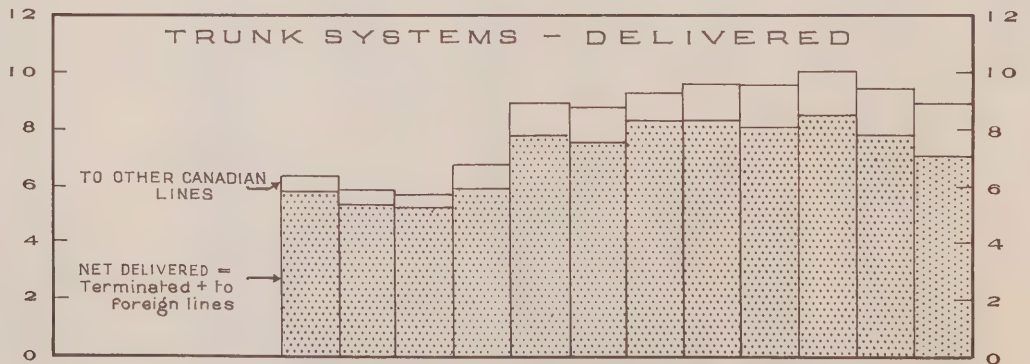
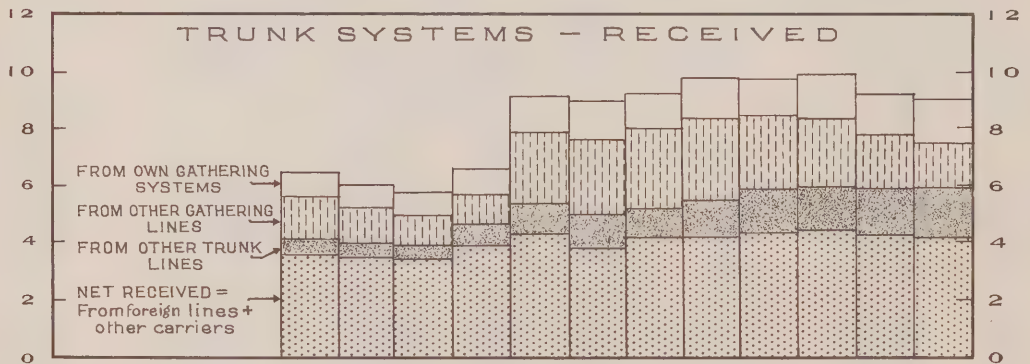
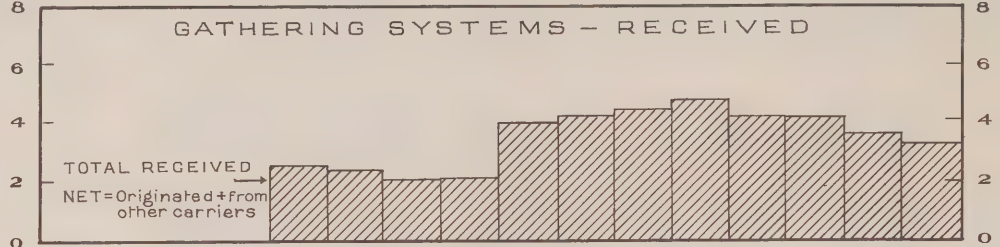
(6) Includes 211 man hours reported by Texaco Exploration Company.

• Totals include duplications between companies.

OIL TRANSPORTED BY CANADIAN PIPE LINE SYSTEMS 1951

MILLION
BARRELS

MILLION
BARRELS



JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

1951

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 11

No. 1

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL SCIENCE

8604-508

10-5-52

PIPE LINES (OIL) STATISTICSJANUARY, 1952

Oil was pumped through Canadian pipe lines during January in much greater volume than one year earlier but the total registered a minor decline from December, 1951. Net deliveries were 7,064,690 barrels, an increase of 1,047,196 or 17.4 p.c. over the 6,017,494 barrels delivered in January, 1951, but lower than December volume by 123,003 barrels or 1.7 p.c. Net deliveries in Quebec amounted to 3,668,979 barrels, some 183,385 higher than the corresponding month last year. Also higher in a like comparison were Alberta deliveries at 1,290,086 compared with 1,034,490 barrels and Manitoba with a rise of 712,397 to 1,293,544 barrels during the month here reviewed. Increased consumption within Manitoba accounted for 366,901 barrels and a heavier intransit movement for Ontario refineries through Superior for the other 345,496 barrels increase over January of 1951. In Saskatchewan net deliveries registered a decline of 104,182 barrels and totalled 812,081 for the month.

During the period under review 6,190,495 barrels terminated on Canadian pipe lines; 776,107 barrels were transferred to Lakehead Pipe Line Co. principally for eventual movement to Ontario via the United States and lake tankers and 98,088 barrels were delivered to non-pipe line carriers. Comparable figures for January, 1951 were: terminated 5,413,734 barrels; transferred to foreign lines 409,206 and delivered to non-pipe line carriers, 194,554 barrels.

An average of 109,912 barrels of oil was handled daily by gathering systems, a rise of 25,938 or 30.9 p.c. over the January, 1951 figure of 83,974 barrels per day. Trunk line movement registered a 34.5 p.c. increase from a daily 205,342 barrels a year ago to 276,092 barrels each day during the opening month of 1952. Trunk lines performed a January total of 1,739 million barrel miles compared with 1,155 million in the same month a year ago. The average distance a barrel of oil moved increased by almost 22 miles to 203.2 miles in the current month. Employment given by pipelines increased considerably this year. In January 1952, 589 employees earned \$194,241 compared with 481 earning \$146,783 a year earlier.

Deliveries out of the three major pipe line company systems in the current month were all higher than twelve months previously. The comparison shows Montreal Pipe Line up from 3,485,594 to 3,668,979 barrels; Imperial Pipe Line 2,885,047 as against 2,076,906 and Interprovincial Pipe Line 884,798 barrels higher at 2,377,628 in the current January. Imperial Pipe Line showed heavier movement with 88,171 barrels per day in the gathering system and 47,385 per day in its trunk lines. These compare with 84,742 and 45,195 per day respectively in December, 1951 and 64,775 and 24,048 per day in January a year ago. The performance of 1,393 million barrel miles and 586 miles per barrel by Interprovincial was down from the December comparables of 1,527 million barrel miles and 601 miles per barrel but well above the January, 1951 movement of 863 million barrel miles and an average distance of 578 miles per barrel.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Table 6 totals are greater than those in tables 1 and 2 by the amount of duplication resulting from inter-company transactions. Reconciliation of these differences is shown below.

	Barrels
<u>Total Received into Systems - all companies - during</u>	
during January 1952, per table 6	10,451,520
Received into Trunk Lines from Other Canadian Pipe Lines	3,196,050
"Net Received" into Canadian Pipe Line Systems	<u>7,255,470</u>
"Net Received" into Trunk Systems per table 1	3,830,959
"Net Received" into Gathering Systems per table 2	3,424,511
<u>Total Delivered out of Systems - all companies - during</u>	
January 1952, per table 6	10,283,001
Delivered to Other Canadian Pipe Lines	3,218,311
"Net Delivered" from Canadian Pipe Line Systems	<u>7,064,690</u>
"Net Delivered" from Trunk Systems per table 1	6,937,411
"Net Delivered" from Gathering Systems per table 2	127,279

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the month of January, as covered by this report, and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 1952

	Barrels	Barrels
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems during January	3,424,511	
Received into Trunk Systems during January	8,710,137	12,134,648
Total oil accountable for month		14,548,478
Delivered from Gathering Systems during January	3,407,292	
Delivered from Trunk Systems during January	8,558,837	11,966,129
Balance to be accounted for at January 31, 1952		2,582,349
Oil consumed as fuel and losses		11,523
Balance on hand - January 31, 1952		<u>2,570,826</u>
Total Shippers Balances - January 31, 1952	2,213,694	
Total Carriers Balances - January 31, 1952	357,132	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum Barrels	Sun Pipe Line Co. Fuel and Other Refined Oil Barrels
January, 1951	1,371,077	Not in operation
December, 1951	656,839	51,230
January, 1952	1,190,454	53,012

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	January 1952	December 1951	January 1951
	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	8,710,137	9,042,546	6,498,289
Less: Received from other Canadian pipe lines -			
2. Own gathering system	1,683,128	1,536,119	976,105
3. Other pipe lines - Gathering	1,598,636	1,552,297	1,454,694
4. Trunk	1,597,414	1,829,117	552,554
5. Net Received (6+7+8)	3,830,959	4,125,013	3,514,936
6. Originating on own trunk lines	-	-	-
7. Received from foreign pipe line connections	3,679,220	3,975,965	3,446,063
8. Received from other carriers (rail & truck)	151,739	149,048	68,873
9. <u>Total Delivered</u> * (10+11)	8,558,837	8,923,559	6,365,601
10. Less: Delivered to other Canadian trunk lines	1,621,426	1,842,131	557,247
11. Net Delivered (12+13+14)	6,937,411	7,081,428	5,808,354
12. Terminated on own trunk lines	6,161,304	6,214,015	5,399,148
13. Delivered to foreign pipe line connections	776,107	867,413	409,206
14. Delivered to other carriers (rail & truck)	-	-	-

* Includes duplications

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	January 1952	December 1951	January 1951
	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	3,424,511	3,197,445	2,532,089
16. Less: Received from other gathering systems	-	-	-
17. Net Received (18+19)	3,424,511	3,197,445	2,532,089
18. Originating on own gathering system	3,421,834	3,192,087	2,483,663
19. Received from other carriers (rail & truck)	2,677	5,358	48,426
20. <u>Total Delivered</u> * (21+22+23)	3,407,292	3,192,584	2,603,200
Less: Delivered to other pipe lines-			
21. Own trunk system	1,683,128	1,536,119	976,105
22. Other pipe lines	1,596,885	1,550,200	1,417,955
23. Net Delivered (24+25)	127,279	106,265	209,140
24. Terminated on gathering systems	29,191	36,088	14,586
25. Delivered to other carriers (rail & truck)	98,088	70,177	194,554

* Includes duplications

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		January 1952	December 1951	January 1951
		Barrels	Barrels	Barrels
Alberta	- Gathering	3,424,511	3,197,445	2,532,089
	Trunk	151,739	149,048	68,873
Quebec (1)	- Trunk	3,679,220	3,975,965	3,446,063
Net Received	- Trunk	3,830,959	4,125,013	3,514,936
	Total	7,255,470	7,322,458	6,047,025

(1) Receipts from U.S. pipe lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		January 1952	December 1951	January 1951
		Barrels	Barrels	Barrels
Alberta	- Gathering	127,279	106,265	209,140
	Trunk	1,162,807	843,368	825,350
Saskatchewan	- Trunk	812,081	820,714	916,263
Manitoba (2)	- Trunk	1,293,544	1,452,790	581,147
Quebec	- Trunk	3,668,979	3,964,556	3,485,594
Net Delivered	- Trunk	6,937,411	7,081,428	5,808,354
	Total	7,064,690	7,187,693	6,017,494
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		776,107	867,413	409,206

TABLE 5

OPERATING STATISTICS

		January 1952	December 1951	January 1951
<u>Barrels Handled - Daily Average</u>				
Gathering Systems	Barrels	109,912	100,894	83,974
Trunk Lines	"	276,092	286,264	205,342
Total Barrel Miles (Trunk Lines)	Millions	1,739	1,894	1,155
Average Miles per Barrel (Trunk Lines)	Miles	203.2	212.2	181.4
<u>Employees and Earnings</u>				
Average Number (3)	No.	589	591	481
Total Salaries and Wages	\$	194,241	200,936	146,783
Man Hours worked by Wage earners (4)	Hours	33,498	32,894	31,718

(3) Includes salaried employees

(4) Includes overtime.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1952

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies(1)	Total
<u>TRAFFIC*</u>	<u>Barrels</u>				
<u>Total Received into System</u>					
This month (January, 1952)	2,901,151	2,533,754	3,679,220	1,337,395	10,451,520
<u>Total Delivered out of System</u>					
This month (January, 1952)	2,885,047	2,377,628	3,668,979	1,351,347	10,283,001
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines-</u>					
This month (January, 1952)	88,171	-	-	21,741	109,912
<u>Trunk Lines-</u>					
This month (January, 1952)	47,385	76,698	118,354	33,655	276,092
<u>TOTAL BARREL MILES</u>	<u>Miles</u>				
(Trunk Lines - in millions)					
This month (January, 1952)	26	1,393	270	50	1,739
<u>AVERAGE MILES PER BARREL</u>					
(Trunk Lines)					
This month (January, 1952)	17.5	586.0	73.6	47.6	203.2
<u>EMPLOYEES AND EARNINGS</u>	<u>Number</u>				
Number of employees (January)	208	281	35	65	589
<u>Salaries and Wages-</u>	<u>Dollars</u>				
This month (January, 1952)	66,925	95,392	11,434	20,490	194,241
<u>Man Hours Worked by Wage Earners-</u>	<u>Hours</u>				
This month (January, 1952)	24,906	559	326	7,707	33,498

*Totals include duplications between companies.

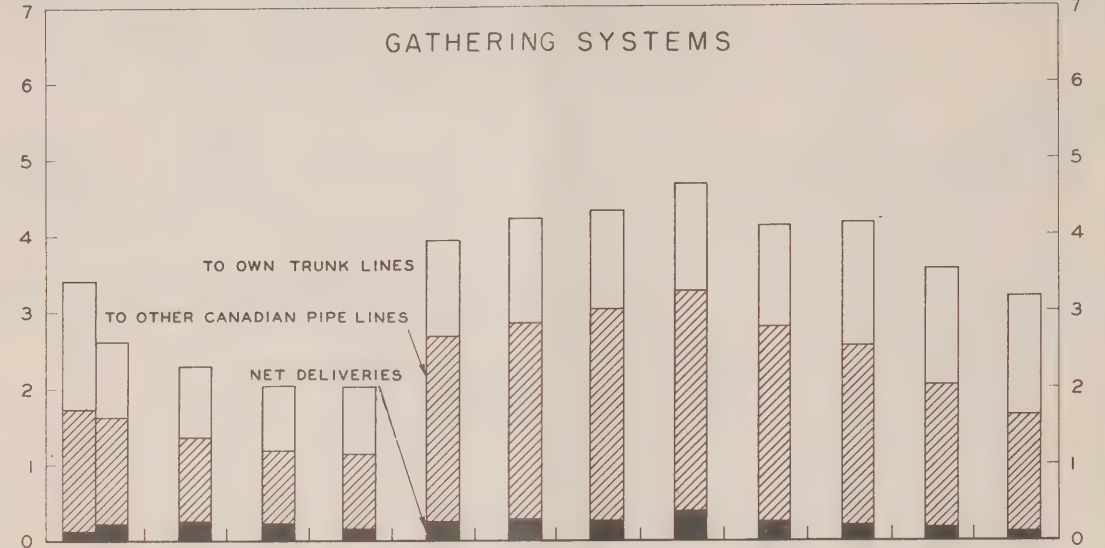
- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Ltd.
 Socony-Vacuum Exploration Company
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

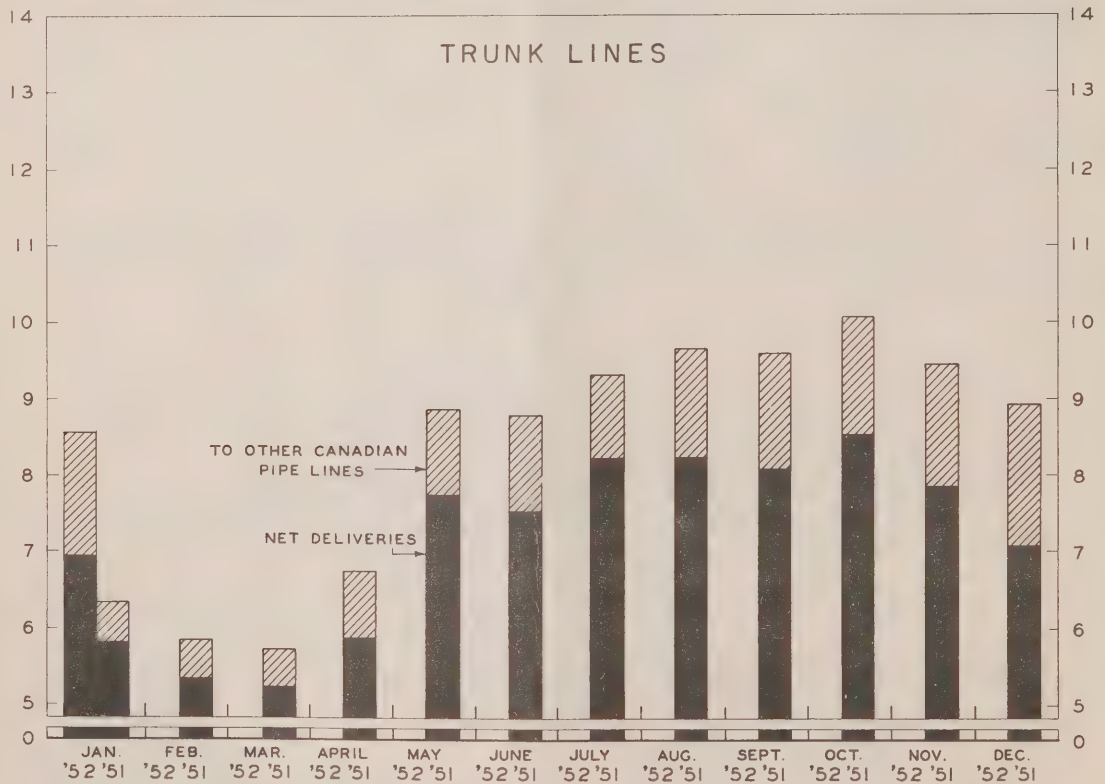
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

No. 2

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL ECONOMY

8504-508

21-5-52

PIPE LINES (OIL) STATISTICSFEBRUARY, 1952

While the total movement of oil through Canadian pipe lines was smaller during the 29 days of February than for January, based on daily averages, net deliveries improved from 227,893 barrels per day in January this year to 228,780 barrels daily in the month under review. An impressive increase of 14.6 p.c. or 29,158 barrels per day was registered over February of 1951 when the average net delivery was 199,622 barrels daily.

In actual figures, net deliveries of oil from trunk lines and gathering systems totalled 6,634,619 barrels in February, down 430,071 from the January aggregate but 1,045,097 barrels or 18.7 p.c. higher than the 5,589,522 barrels delivered in the previous February which was one day shorter. Trunk line net deliveries for the month were 6,483,721 barrels against 6,937,411 in January and 5,333,853 barrels in February, 1951. Deliveries by provinces were (February, 1951 data in brackets): Alberta, 983,031 (1,089,790); Saskatchewan, 757,306 (681,073); Manitoba, 1,327,843 (415,725) and Quebec, 3,566,439 (3,402,934). The Manitoba total included 775,626 barrels turned over to the lines of Lakehead Pipe Line Company at Gretna and 552,217 delivered to refineries within the province. Alberta oil accounted for 45.4 p.c. of the net of 6,470,225 barrels received by Canadian pipe lines during February compared with 41.3 p.c. of the 5,824,060 barrels received a year previously.

Two month totals show a net of 13,699,309 barrels delivered. By provinces the cumulative deliveries were Alberta, 2,273,117; Saskatchewan, 1,569,387; Manitoba, 2,621,387 and Quebec, 7,235,418 barrels. Non-pipe line carriers such as rail, trucks, etc. received 122,718 barrels of oil from Canadian pipe lines in February, down almost 50 p.c. from the 235,577 barrels taken from pipe lines in February, 1951. For the first two months of 1952 these carriers received 220,806 barrels from pipe lines.

Daily averages of oil handled during February were: gathering systems, 98,841 and trunk lines, 280,072 barrels while the February, 1951 movement was a daily 81,715 in gathering systems and 209,234 in trunk lines. Some 1,717 million barrel miles was the total traffic performance of trunk lines during the month under review and gave a two-month total of 3,456 million barrel miles. Length of haul averaged 211.4 miles on trunk lines as compared with 203.2 in January and 158.8 miles in the previous February. Employees numbered 608 and earned \$198,320 against 589 receiving \$194,241 in January and 490 persons paid \$146,323 one year earlier. Montreal Pipe Line Co. continued to be the leader in volume of oil carried and delivered 3,566,439 barrels during February for a two-month total of 7,235,418. Imperial Pipe Line Co., which operates the largest gathering system, delivered an average of 78,911 barrels each day during the month from the gathering system while trunk line deliveries of the Montreal Pipe Line Co. amounted to 122,981 barrels daily. Longer hauls on the Interprovincial Pipe Line Company lines resulted in a 602 mile average trip per barrel carried and brought the two month average to 594 miles per barrel.

Net totals given in table 6 exceed those in tables 1 and 2 because of duplications resulting

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

from inter-company transfers of oil. These differences are reconciled in the table given below.

	Barrels
Total Received into Systems - all companies - during	
February 1952, per table 6	19,808,201
Received into Trunk Lines from Other Canadian Pipe Lines	6,082,506
"Net Received" into Canadian Pipe Line Systems	<u>13,725,695</u>
"Net Received" into Trunk Systems per table 1	7,450,972
"Net Received" into Gathering Systems per table 2	6,274,723
Total Delivered out of Systems - all companies - during	
February 1952, per table 6	19,800,173
Delivered to Other Canadian Pipe Lines	6,100,864
"Net Delivered" from Canadian Pipe Line Systems	<u>13,699,309</u>
"Net Delivered" from Trunk Systems per table 1	13,421,132
"Net Delivered" from Gathering Systems per table 2	278,177

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the two-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - FEBRUARY, 1952

	Barrels	Barrels
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1, to February 29, 1952	6,274,723	
Received into Trunk Systems January 1, to February 29, 1952	16,687,908	22,962,631
Total oil accountable for period		25,376,461
Delivered from Gathering Systems, January 1 to February 29, 1952	6,273,682	
Delivered from Trunk Systems, January 1 to February 29, 1952	16,680,921	22,954,603
Balance to be accounted for at February 29, 1952		2,421,858
Oil consumed as fuel and losses		34,421
Balance on hand - February 29, 1952		<u>2,387,437</u>
Total Shippers Balances - February 29, 1952	2,041,914	
Total Carriers Balances - February 29, 1952	345,523	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
February, 1951	1,231,499	50,885
January, 1952	1,190,454	53,012
February, 1952	1,008,903	53,434
Year to Date, 1952	2,199,357	106,446

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	February 1952	January 1952	February 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	7,977,771	8,710,137	6,050,420	16,687,908
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,471,302	1,683,128	931,817	3,154,430
3. Other pipe lines - Gathering	1,247,817	1,598,636	1,131,020	2,846,453
4. Trunk	1,638,639	1,597,414	508,336	3,236,053
5. <u>Net Received</u> (6+7+8)	3,620,013	3,830,959	3,479,247	7,450,972
6. <u>Originating on own trunk lines</u>	-	-	-	-
7. Received from foreign pipe line connections	3,535,900	3,679,220	3,416,679	7,215,120
8. Received from other carriers (rail & truck)	84,113	151,739	62,568	235,852
9. <u>Total Delivered*</u> (10+11)	8,122,084	8,558,837	5,858,597	16,680,921
10. Less: Delivered to other Canadian trunk lines	1,638,363	1,621,426	524,744	3,259,789
11. <u>Net Delivered</u> (12+13+14)	6,483,721	6,937,411	5,333,853	13,421,132
12. <u>Terminated on own trunk lines</u>	5,708,095	6,161,304	5,086,877	11,869,399
13. Delivered to foreign pipe line connections	775,626	776,107	246,976	1,551,733
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	February 1952	January 1952	February 1951	Year to date 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	2,850,212	3,424,511	2,344,803	6,274,723
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	2,850,212	3,424,511	2,344,803	6,274,723
18. <u>Originating on own gathering system</u>	2,842,313	3,421,834	2,297,841	6,264,147
19. Received from other carriers (rail & truck)	7,899	2,677	46,962	10,576
20. <u>Total Delivered*</u> (21+22+23)	2,866,390	3,407,292	2,288,024	6,273,682
Less: Delivered to other pipe lines-				
21. Own trunk system	1,471,302	1,683,128	931,817	3,154,430
22. Other pipe lines	1,244,190	1,596,885	1,100,538	2,841,075
22. <u>Net Delivered</u> (24+25)	150,898	127,279	255,669	278,177
24. <u>Terminated on gathering systems</u>	28,180	29,191	20,092	57,371
25. Delivered to other carriers (rail & truck)	122,718	98,088	235,577	220,806

* Includes duplications

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		February 1952	January 1952	February 1951	Year to Date 1952
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	2,850,212	3,424,511	2,344,803	6,274,723
	Trunk	84,113	151,739	62,568	235,852
Quebec (1)	- Trunk	3,535,900	3,679,220	3,416,679	7,215,120
Net Received	- Trunk	3,620,013	3,830,959	3,479,247	7,450,972
	Total	6,470,225	7,255,470	5,824,050	13,725,695

(1) Receipts from U.S. pipe lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		February 1952	January 1952	February 1951	Year to Date 1952
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	150,898	127,279	255,669	278,177
	Trunk	832,133	1,162,807	834,121	1,994,940
Saskatchewan	- Trunk	757,306	812,081	681,073	1,569,387
Manitoba (2)	- Trunk	1,327,843	1,293,544	415,725	2,621,387
Quebec	- Trunk	3,566,439	3,668,979	3,402,934	7,235,418
Net Delivered	- Trunk	6,483,721	6,937,411	5,333,853	13,421,132
	Total	6,634,619	7,064,690	5,589,522	13,699,309
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		775,626	776,107	246,976	1,551,733

TABLE 5

OPERATING STATISTICS

		February 1952	January 1952	February 1951	Year to Date 1952
<u>Barrels Handled - Daily Average</u>					
Gathering Systems	Barrels	98,841	109,912	81,715	104,561
Trunk Lines	"	280,072	276,092	209,234	278,016
Total Barrel Miles (Trunk Lines)	Millions	1,717	1,739	931	3,456
Average Miles per Barrel (Trunk Lines)	Miles	211.4	203.2	158.8	207.2
<u>Employees and Earnings</u>					
Average Number (3)	No.	608	589	490	599
Total Salaries and Wages	\$	198,320	194,241	146,323	392,561
Man Hours worked by Wage earners (4)	Hours	35,209	33,498	27,935	68,707

(3) Includes salaried employees.

(4) Includes overtime.

TABLE 6 PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies (1)	Total
TRAFFIC*	B a r r e l s				
Total Received into System					
This month (February, 1952)	2,358,258	2,177,914	3,535,900	1,284,609	9,356,681
This year (2 months)	5,259,409	4,711,668	7,215,120	2,622,004	19,808,201
Total Delivered out of System					
This month (February, 1952)	2,372,532	2,299,123	3,566,439	1,279,078	9,517,172
This year (2 months)	5,257,579	4,676,751	7,235,418	2,630,425	19,800,173
OPERATING STATISTICS					
Barrels Handled - Daily Average					
Gathering Lines					
This month (February, 1952)	78,911	-	-	19,930	98,841
This year (2 months)	83,695	-	-	20,866	104,561
Trunk Lines					
This month (February, 1952)	41,948	79,280	122,981	35,863	280,072
This year (2 months)	44,757	77,946	120,590	34,723	278,016
TOTAL BARREL MILES	M i l e s				
(Trunk Lines - in millions)					
This month (February, 1952)	22	1,384	262	49	1,717
This year (2 months)	48	2,777	532	99	3,456
AVERAGE MILES PER BARREL					
(Trunk Lines)					
This month (February, 1952)	17.7	602.0	73.5	47.3	211.4
This year (2 months)	17.6	594.0	73.6	47.5	207.2
EMPLOYEES AND EARNINGS	N u m b e r				
Number of employees (February)	213	290	34	71	608
Salaries and Wages-	D o l l a r s				
This month (February, 1952)	62,536	102,647	11,640	21,497	198,320
This year (2 months)	129,461	198,039	23,074	41,987	392,561
Man Hours Worked by Wage Earners	H o u r s				
This month (February, 1952)	26,774	984	471	6,980	35,209
This year (2 months)	51,680	1,543	797	14,687	68,707

*Totals include duplications between companies.

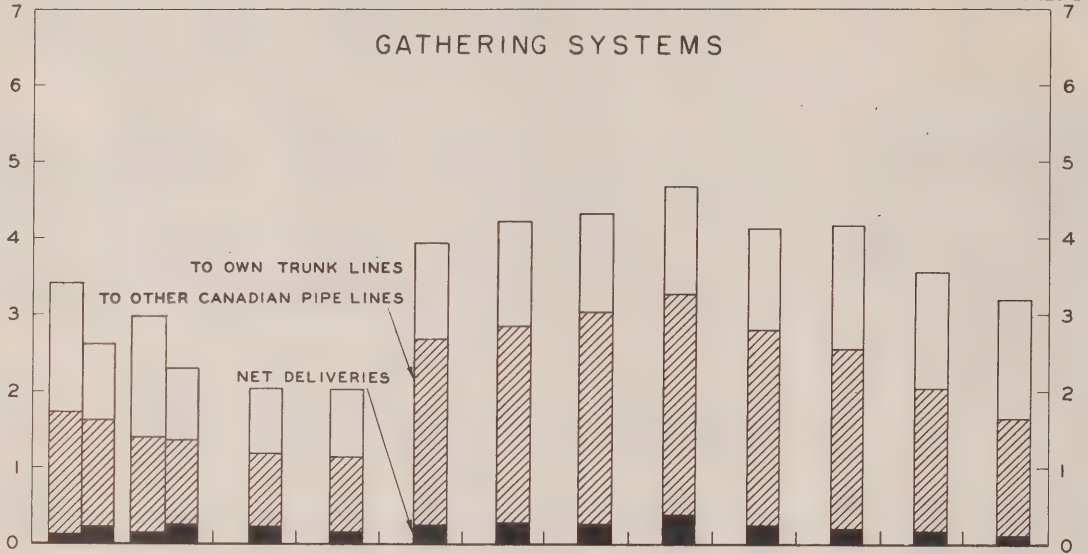
- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
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 Texaco Exploration Company
 Valley Pipe Line Company Ltd.
 Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

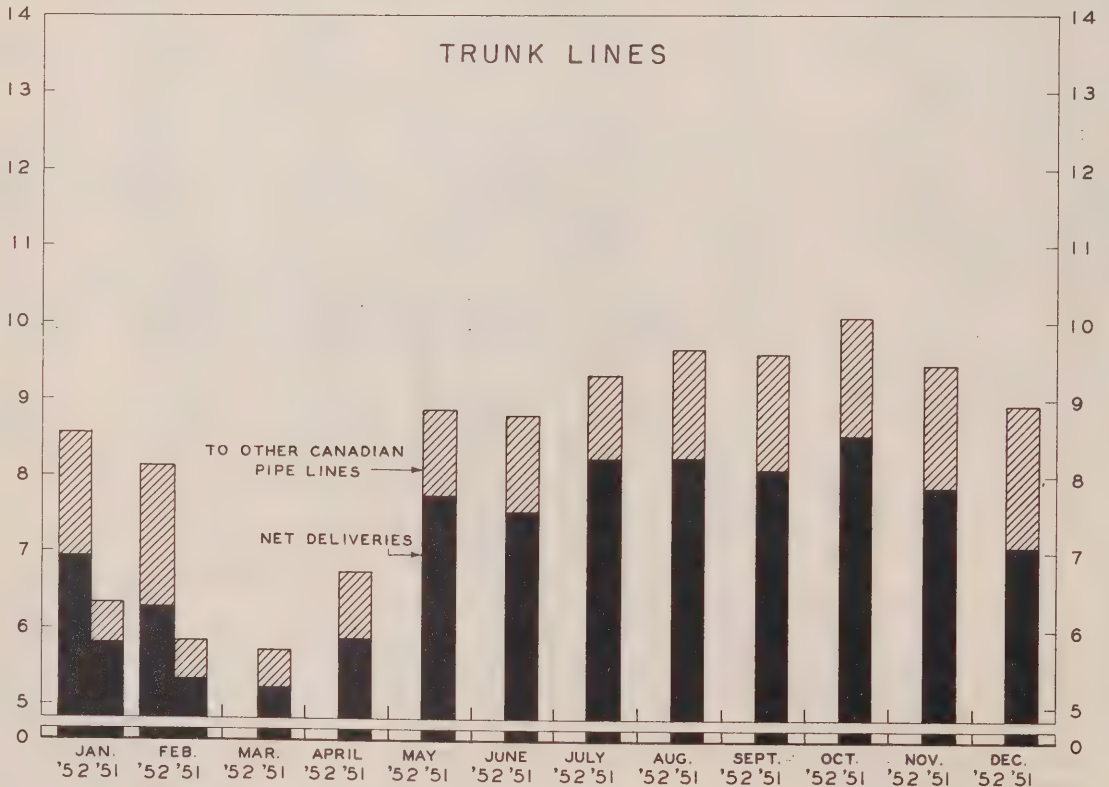
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

UNIVERSITY OF TORONTO

DEPT. OF POLITICAL ECONOMY

VOL. 2

No. 3

8504-508

18-6-52

PIPE LINES (OIL) STATISTICSMARCH, 1952

Traffic volume as measured by daily averages of net deliveries of oil from Canadian pipe lines, stood at 219,430 barrels for March, a decline of 9,350 barrels per day from the February average of 228,780 but up an impressive 25 p.c. or 43,481 barrels a day over March, 1951 deliveries.

A net total of 6,802,317 barrels of oil was delivered by pipeline during the month of March. This represented an increase of 167,698 barrels over the shorter February period and 1,347,900 above the 5,454,417 barrels pouring from the pipe lines in the previous March. Deliveries from trunk lines were 6,676,710 barrels compared with 6,483,721 in February and 5,239,498 in March of 1951. Provincial totals showed Alberta up 157,656 barrels over the previous March at 946,900; Saskatchewan 3,465 barrels lower at 747,738 and Quebec up 426,360 to 3,738,291 barrels. Manitoba deliveries more than trebled, being 856,661 barrels heavier for a March, 1952 total of 1,243,781 barrels delivered. This total was composed of 751,803 barrels crossing the United States border into the Lakehead Company's system and 491,978 delivered within the province. These aggregates compare with 228,419 barrels to Lakehead Pipe Line Co. and 158,701 delivered within Manitoba in March, 1951.

The increasing importance of Alberta oil in the national petroleum picture is reflected by the fact that it accounted for 3,116,098 barrels or 45 p.c. of the net of 6,855,479 received by Canadian pipe lines in the current March against 2,077,272 barrels or 38 p.c. of the net 5,400,032 received one year earlier. With the advent of new pipe lines and increases in the capacities of those already operating this percentage should continue to advance.

Net deliveries during the first quarter of 1952 showed a considerable increase of 3,440,193 barrels or 20 p.c. from 17,061,433 in the first three months of 1951 to 20,501,626 in the same period this year. Provincial totals for the first three months were (1951 figures in brackets): Alberta, 3,345,624 (3,128,443); Saskatchewan, 2,317,125 (2,348,539); Manitoba, 3,865,168 (1,383,992) and Quebec, 10,973,709 (10,200,459) barrels. Non-pipe line carriers received only 317,714 barrels in the three-month period as against 618,105 in the first quarter last year.

Daily averages of oil handled during March were: gathering systems, 99,104 and trunk lines, 267,108 barrels while the March, 1951 movement was a daily 65,783 in gathering systems and 184,665 in trunk lines. Some 1,649 million barrel miles was the total traffic performance of trunk lines during the month under review and gave a three-month total of 5,105 million barrel miles. Length of haul averaged 199.2 miles on trunk lines as compared with 211.4 in February and 158.4 miles in the previous March. Employees numbered 620 and earned \$203,576 against 608 receiving \$198,320 in February and 490 persons paid \$149,406 one year earlier. Montreal Pipe Line Co. continued to be the leader in volume of oil carried and delivered 3,738,291 barrels during March for a three-month total of 10,973,709. Imperial Pipe Line Co., which operates the largest gathering system, delivered an average of 79,173 barrels each day during the month from the gathering system while trunk line deliveries of the Montreal Pipe Line Co. amounted to 120,590 barrels daily. Shorter hauls on the Interprovincial Pipe Line Company lines resulted in a 586 mile average trip per barrel carried and reduced the three-month average to 591 miles per barrel.

Net totals given in table 6 exceed those in tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are reconciled in the following table.

Price per year \$1.00

	<u>Barrels</u>
Total Received into Systems - all companies - during	
first three-months of 1952 per table 6	29,670,122
Received into Trunk lines from Other Canadian Pipe Lines	9,088,948
"Net Received" into Canadian Pipe Line Systems	<u>20,581,174</u>
"Net Received" into Trunk Systems per table 1	11,259,766
"Net Received" into Gathering Systems per table 2	9,321,408
 Total Delivered out of Systems - all companies - during	
first three months of 1952, per table 6	29,597,234
Delivered to other Canadian Pipe Lines	9,095,608
"Net Delivered" from Canadian Pipe Line Systems	<u>20,501,626</u>
"Net Delivered" from Trunk Systems per table 1	20,097,842
"Net Delivered" from Gathering Systems per table 2	403,784

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the three-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - MARCH, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to March 31, 1952	9,321,408	
Received into Trunk Systems January 1 to March 31, 1952	25,058,676	34,380,084
Total oil accountable for period		36,793,914
Delivered from Gathering Systems, January 1 to March 31, 1952	9,345,915	
Delivered from Trunk Systems, January 1 to March 31, 1952	24,961,280	34,307,195
Balance to be accounted for at March 31, 1952		2,486,719
Oil consumed as fuel and losses		43,464
Balance on hand - March 31, 1952		<u>2,443,255</u>
Total Shippers Balances - March 31, 1952	2,069,959	
Total Carriers Balances - March 31, 1952	373,296	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
March, 1951	1,298,485	53,969
February, 1952	1,008,903	53,434
March, 1952	848,035	69,504
Year to Date, 1952	3,047,392	175,950

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	March 1 9 5 2	February 1 9 5 2	March 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	8,370,768	7,977,771	5,722,527	25,058,676
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,555,532	1,471,302	868,757	4,709,962
3. Other pipe lines - Gathering	1,392,710	1,247,817	978,628	4,239,163
4. Trunk	1,613,732	1,638,639	495,785	4,849,785
5. <u>Net Received (6+7+8)</u>	3,808,794	3,620,013	3,379,357	11,269,766
6. Originating on own trunk lines	-	-	-	-
7. Received from foreign pipe line connections	3,739,381	3,535,900	3,322,760	10,954,501
8. Received from other carriers (rail & truck)	69,413	84,113	56,597	305,265
9. <u>Total Delivered*</u> (10+11)	8,280,359	8,122,084	5,724,625	24,961,280
10. Less: Delivered to other Canadian trunk lines	1,603,649	1,638,363	485,127	4,863,438
11. <u>Net Delivered (12+13+14)</u>	6,676,710	6,483,721	5,239,498	20,097,842
12. Terminated on own trunk lines	5,924,907	5,708,095	5,011,079	17,794,306
13. Delivered to foreign pipe line connections	751,803	775,626	228,419	2,303,536
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	March 1 9 5 2	February 1 9 5 2	March 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	3,046,685	2,850,212	2,020,675	9,321,408
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	3,046,685	2,850,212	2,020,675	9,321,408
18. Originating on own gathering system	3,032,704	2,842,313	1,989,370	9,296,851
19. Received from other carriers (rail & truck)	13,981	7,899	31,305	24,557
20. <u>Total Delivered*</u> (21+22+23)	3,072,233	2,866,390	2,029,280	9,345,915
Less: Delivered to other pipe lines-				
21. Own trunk system	1,555,531	1,471,302	868,757	4,709,961
22. Other pipe lines	1,391,095	1,244,190	955,604	4,232,170
23. <u>Net Delivered (24+25)</u>	125,607	150,898	214,919	403,784
24. Terminated on gathering systems	28,699	28,180	26,945	86,070
25. Delivered to other carriers (rail & truck)	96,908	122,718	187,974	317,714

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	March 1 9 5 2	February 1 9 5 2	March 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	3,046,685	2,850,212	2,020,675	9,321,408
Trunk	69,413	84,113	56,597	305,265
Quebec (1) - Trunk	3,739,381	3,535,900	3,322,760	10,954,501
Net Received - Trunk	3,808,794	3,620,013	3,379,357	11,259,766
Total	6,855,479	6,470,225	5,400,032	20,581,174

(1) Receipts from U.S. pipe Lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	March 1 9 5 2	February 1 9 5 2	March 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	125,607	150,898	214,919	403,784
Trunk	946,900	832,133	789,244	2,941,840
Saskatchewan - Trunk	747,738	757,306	751,203	2,317,125
Manitoba (2) - Trunk	1,243,781	1,327,843	387,120	3,865,168
Quebec - Trunk	3,738,291	3,566,439	3,311,931	10,973,709
Net Delivered - Trunk	6,676,710	6,483,721	5,239,498	20,097,842
Total	6,802,317	6,634,619	5,454,417	20,501,626
(2) Including deliveries to U.S. pipe lines at Gretna, Man.	751,803	775,626	228,419	2,303,536

TABLE 5

OPERATING STATISTICS

	March 1 9 5 2	February 1 9 5 2	March 1 9 5 1	Year to Date 1 9 5 2
<u>Barrels Handled - Daily Average</u>				
Gathering Systems Barrels	99,104	98,841	65,783	102,701
Trunk Lines "	267,108	280,072	184,665	274,300
Total Barrel Miles (Trunk Lines) Millions	1,649	1,717	907	5,105
Average Miles per Barrel (Trunk Lines) Miles	199.2	211.4	158.4	204.5
<u>Employees and Earnings</u>				
Average Number (3) No.	620	608	490	606
Total Salaries and Wages \$	203,576	198,320	(5) 149,406	596,137
Man Hours worked by Wage earners (4) Hours	35,822	35,209	31,029	104,529

(3) Includes salaried employees.

(4) Includes overtime.

(5) Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MARCH, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies ⁽¹⁾	Total
TRAFFIC*	Barrels				
<u>Total Received into System</u>					
This month (March, 1952)	2,492,018	2,314,124	3,739,381	1,316,398	9,861,921
This year (3 months)	7,751,427	7,025,792	10,954,501	3,938,402	29,670,122
<u>Total Delivered out of System</u>					
This month (March, 1952)	2,523,778	2,228,401	3,738,291	1,306,591	9,797,061
This year (3 months)	7,781,357	6,905,152	10,973,709	3,937,016	29,597,234
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (March, 1952)	79,173	-	-	19,931	99,104
This year (3 months)	82,155	-	-	20,546	102,701
<u>Trunk Lines</u>					
This month (March, 1952)	40,851	71,884	120,590	33,783	267,108
This year (3 months)	43,427	75,881	120,590	34,402	274,300
TOTAL BARREL MILES	Miles				
(Trunk Lines - in millions)					
This month (March, 1952)	22	1,305	275	47	1,649
This year (3 months)	70	4,082	808	145	5,105
<u>AVERAGE MILES PER BARREL</u>					
(Trunk Lines)					
This month (March, 1952)	17.6	586.0	73.6	44.8	199.2
This year (3 months)	17.6	591.0	73.6	46.3	204.5
OPERATING REVENUES	Dollars				
Three Months ending March 31, 1952	651,976	2,308,982	381,109	393,760	3,735,827
EMPLOYEES AND EARNINGS	Number				
Number of employees (March, 1952)	222	289	37	72	620
<u>Salaries and Wages-</u>	Dollars				
This month (March, 1952)	67,191	102,808	11,818	21,759	203,576
This year (3 months)	196,652	300,847	34,892	63,746	596,137
<u>Man Hours Worked by Wage Earners</u>	Hours				
This month (March, 1952)	27,336	739	800	6,947	35,822
This year (3 months)	79,016	2,282	1,597	21,634	104,529

* Totals include duplications between companies.

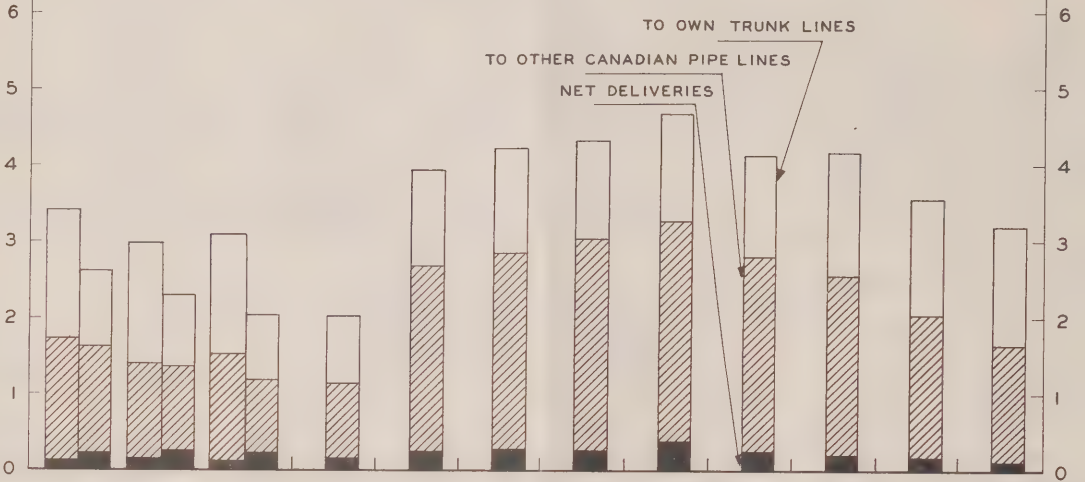
- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Limited
 Socony-Vacuum Exploration Co.
 Texaco Exploration Company
 Valley Pipe Line Company Ltd.
 Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

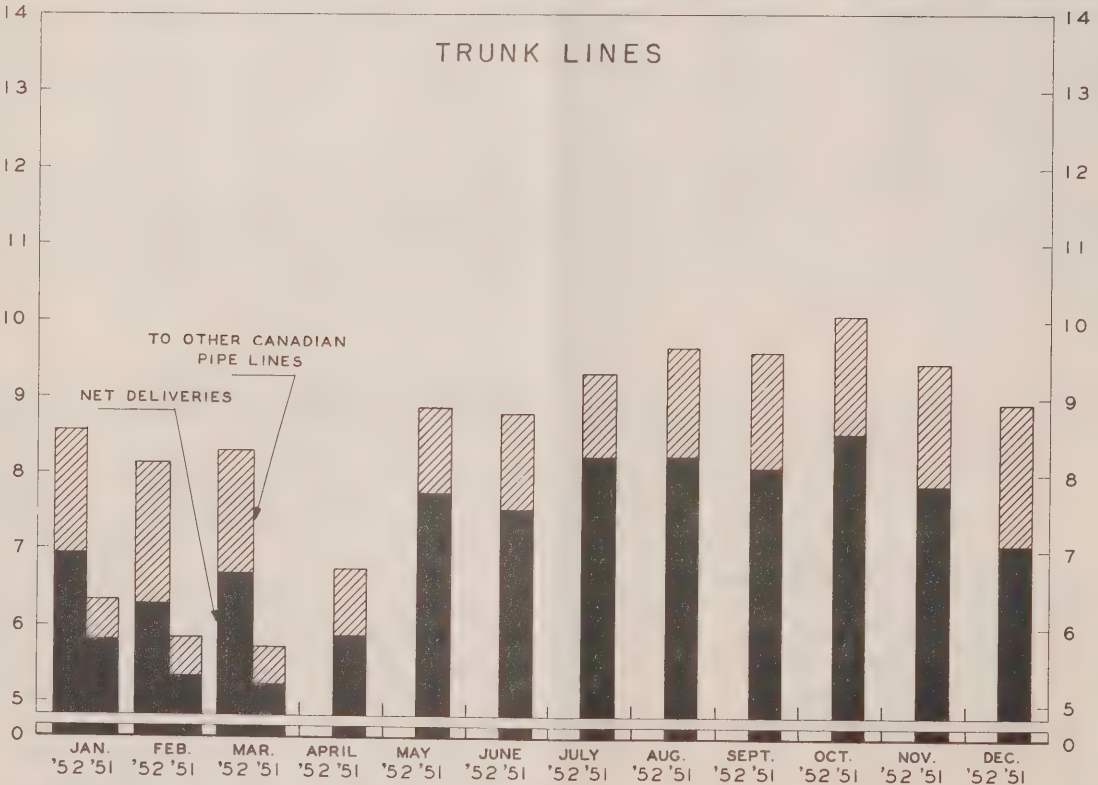
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

PIPE LINES (OIL) STATISTICS

8504-508

No. 4

APRIL, 1952

4-7-52

A daily net average of 232,868 barrels of oil was delivered out of the Canadian pipe lines systems during the month of April. Gains were thus registered both over the March daily movement of 219,430 barrels and the 201,640 barrels per day delivered in April of 1951. The percentage increase over April last year was 15.5.

Deliveries in April reached a net total of 6,986,031 barrels, an advance of 183,714 over March which was one day longer and 936,844 barrels higher than the 6,049,187 delivered in the previous April. Trunk line movement amounted to 6,884,069 barrels delivered against 6,676,710 in March and 5,896,839 during the preceding April. Gathering line deliveries showed a continuing decline and were 101,962 barrels in the current April compared with 126,607 in March and 132,348 barrels a year ago. Deliveries in Alberta, Saskatchewan and Manitoba all showed large gains over April, 1951 while some 120,332 barrels less flowed out of the Quebec - United States lines. By provinces the net deliveries were (April 1951 figures in brackets): Alberta 1,322,228 (667,681); Saskatchewan 719,409 (641,442); Manitoba 1,366,985 (1,031,423) and Quebec 3,588,309 (3,708,641). The Manitoba totals consisted of 1,045,544 passing into the Lakehead system, most of which is destined for Ontario refineries via lake tanker, and 310,541 barrels delivered within the province. During the preceding April the comparable totals were 794,348 and 237,075 barrels respectively.

The proportion of Alberta oil to the national total of pipe line receipts continued to rise during the period under review. During April the 3,464,259 barrels of Alberta oil included in net receipts represented nearly 49 p.c. of the total. This compared with 3,116,098 or 45 p.c. in March and 2,135,808 barrels or 36 p.c. in April, 1951. The encouraging growth both in output and distribution of Alberta crude has further reduced Canada's dependence on foreign supplies.

Four month totals of net deliveries showed an increase of 4,377,037 barrels or 19 p.c. over 1951 totals at the same date and were 27,487,657 barrels as against 23,110,620 for the first third of 1951. Provincial totals for the period ended April 30th were (1951 data in brackets): Alberta 4,667,852 (3,796,124); Saskatchewan 3,036,534 (2,989,981); Manitoba 5,221,253 (2,415,415) and Quebec 14,562,018 (13,909,100). Manitoba totals included deliveries of 3,349,080 to Lakehead Pipe Line Co. at Gretna in the first four months of the current year, up 1,670,131 barrels or almost double the 1,678,949 barrels in the same period of 1951.

Gathering systems handled a daily average of 109,123 barrels during April up greatly from the 67,967 per day the previous April. Trunk line movement registered an average 273,098 barrels each day compared with 225,434 one year earlier, up 21 p.c. The movement of oil represented a total performance of 1,727 million barrel miles of transportation in the current month, up from 1,391 million barrel miles in April 1951. For the four-month period 6,832 million barrels miles were recorded against 4,383 million to the end of April 1951. Length of haul increased from an average 205.7 miles per barrel in April, 1951 and 199.2 miles in March of this year to 210.7 miles in the current April.

The 626 persons employed in the industry received \$214,115 in salaries and wages during the month, up from the 620 who earned \$203,576 in March, and from 513 employees in receipt of \$153,166 in April one year ago.

Continuing to lead in oil deliveries was the Montreal Pipe Line Co. which delivered 3,588,309 barrels in April for a total of 14,562,018 in the four-month period. The widespread gathering lines of Imperial Pipe Line Co. poured forth 88,825 barrels a day while the outflow from the Montreal line was 119,610 barrels daily. The Interprovincial line moved oil some 1,402,000,000 barrel miles during the month and had an average haul of 602 miles per barrel. In the first four months of the year Interprovincial accounted for over 80 p.c. or 5,484,000,000 of the barrel miles performed by all lines.

Net totals given in table 6 exceed those in tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table:

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

	<u>Barrels</u>
Total Received into Systems - all companies - during	
first four months of 1952 per table 6	39,604,844
Received into Trunk lines from Other Canadian Pipe Lines	11,894,080
"Net Received" into Canadian Pipe Line Systems	27,710,764
"Net Received" into Trunk Systems per table 1	15,102,124
"Net Received" into Gathering Systems per table 2	12,608,640
Total Delivered out of Systems - all companies - during	
first four months of 1952, per table 6	39,397,721
Delivered to other Canadian Pipe Lines	11,910,064
"Net Delivered" from Canadian Pipe Line Systems	27,487,657
"Net Delivered" from Trunk Systems per table 1	26,981,911
"Net Delivered" from Gathering Systems per table 2	505,746

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the four-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - APRIL, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to April 30, 1952	12,608,640	
Received into Trunk Systems January 1 to April 30, 1952.....	33,372,267	45,980,907
Total oil accountable for period		48,394,737
Delivered from Gathering Systems, January 1 to April 30, 1952	12,619,598	
Delivered from Trunk Systems, January 1 to April 30, 1952.....	33,154,185	45,773,783
Balance to be accounted for at April 30, 1952		2,620,954
Oil consumed as fuel and losses		52,018
Balance on hand - April 30, 1952		2,568,936
Total Shippers Balances - April 30, 1952	2,343,569	
Total Carriers Balances - April 30, 1952	225,367	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sum Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
April, 1951.....	1,185,436	79,939
March, 1952.....	848,035	69,504
April, 1952.....	827,151	67,389
Year to Date, 1952 (four months)	3,874,545	245,339

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	April 1 9 5 2	March 1 9 5 2	April 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	8,313,591	8,370,768	6,591,975	33,372,267
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,566,101	1,555,532	880,151	6,376,063
3. Other pipe lines - Gathering	1,509,521	1,392,710	1,042,375	5,748,684
4. Trunk	1,295,611	1,613,732	859,139	6,145,396
5. <u>Net Received</u> (6+7+8)	3,842,358	3,908,794	3,810,310	15,102,124
6. Originating on own trunk lines	89,391	-	-	89,391
7. Received from foreign pipe line connections	3,665,331	3,759,391	3,731,496	14,619,832
8. Received from other carriers (rail & truck)	87,636	69,413	78,814	392,901
9. <u>Total Delivered</u> * (10+11)	8,192,905	8,280,359	6,763,049	33,154,195
10. Less: Delivered to other Canadian trunk lines	1,308,836	1,603,649	866,210	6,172,274
11. <u>Net Delivered</u> (12+13+14)	6,884,069	6,676,710	5,896,839	26,981,911
12. Terminated on own trunk lines	5,838,525	5,924,907	5,102,491	23,632,831
13. Delivered to foreign pipe line connections	1,045,544	751,803	794,348	3,349,080
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	April 1 9 5 2	March 1 9 5 2	April 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	3,287,232	3,046,685	2,056,994	12,608,540
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	3,287,232	3,046,685	2,056,994	12,608,540
18. Originating on own gathering system	3,284,643	3,032,704	2,018,540	12,581,494
19. Received from other carriers (rail & truck)	2,589	13,981	38,454	27,146
20. <u>Total Delivered</u> * (21+22+23)	3,273,683	3,072,233	2,038,976	12,619,598
Less: Delivered to other pipe lines-				
21. Own trunk system	1,666,101	1,555,531	880,151	6,376,062
22. Other pipe lines	1,505,620	1,391,095	1,006,477	5,737,790
23. <u>Net Delivered</u> (24+25)	101,962	125,607	152,348	505,746
24. Terminated on gathering systems	33,417	28,689	30,105	119,387
25. Delivered to other carriers (rail & truck)	68,545	96,908	122,243	386,359

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	April 1 9 5 2	March 1 9 5 2	April 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	3,287,232	3,046,685	2,056,994	12,608,640
Trunk	177,027	69,413	78,814	482,292
Quebec (1) - Trunk	3,665,331	3,739,381	3,731,496	14,619,832
Net Received - Trunk	3,842,358	3,808,794	3,810,310	15,102,124
Total	7,129,590	6,855,479	5,867,304	27,710,764

(1) Receipts from U.S. pipe Lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	April 1 9 5 2	March 1 9 5 2	April 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	101,962	125,607	152,348	505,746
Trunk	1,220,266	946,900	515,333	4,162,106
Saskatchewan - Trunk	719,409	747,738	641,442	3,036,534
Manitoba (2) - Trunk	1,356,085	1,243,781	1,031,423	5,221,253
Quebec - Trunk	3,588,309	3,738,291	3,708,641	14,562,018
Net Delivered - Trunk	6,884,069	6,676,710	5,896,839	26,981,911
Total	6,986,031	6,802,317	6,049,187	27,487,657
(2) Including deliveries to U.S. pipe lines at Gretna, Man.	1,045,544	751,803	794,348	3,349,080

TABLE 5

OPERATING STATISTICS

	April 1 9 5 2	March 1 9 5 2	April 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	109,123	99,104	67,967	102,368
Trunk Lines "	273,098	267,108	225,434	274,002
Total Barrel Miles (Trunk Lines) Millions	1,727	1,649	1,391	6,832
Average Miles per Barrel (Trunk Lines) Miles	210.7	199.2	205.7	206.1
Employees and Earnings				
Average Number (3) No.	626	620	513	611
Total Salaries and Wages \$	214,115	203,576	(5) 153,166	810,252
Man Hours worked by Wage earners (4) Hours	36,850	35,822	30,167	141,379

(3) Includes salaried employees.

(4) Includes overtime.

(5) Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies ⁽¹⁾	Total
<u>TRAFFIC *</u>	B a r r e l s				
<u>Total Received into System</u>					
This month (April, 1952)	2,768,562	2,367,418	3,665,331	1,133,411	9,934,722
This year (4 months)	10,519,989	9,393,210	14,619,832	5,071,813	39,604,844
<u>Total Delivered out of System</u>					
This month (April, 1952)	2,752,376	2,327,216	3,588,309	1,132,586	9,800,487
This year (4 months)	10,533,733	9,232,368	14,562,018	5,069,602	39,397,721
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (April, 1952)	88,825	-	-	20,298	109,123
This year (4 months)	83,809	-	-	18,559	102,368
<u>Trunk Lines</u>					
This month (April, 1952)	47,946	77,574	119,610	27,968	273,098
This year (4 months)	44,547	76,301	120,347	32,807	274,002
<u>TOTAL BARREL MILES</u>	M i l e s				
(Trunk Lines - in millions)					
This month (April, 1952)	25	1,402	264	36	1,727
This year (4 months)	95	5,484	1,072	181	6,832
<u>AVERAGE MILES PER BARREL</u>					
(Trunk Lines)					
This month (April, 1952)	17.5	602.0	73.6	41.7	210.7
This year (4 months)	17.6	594.0	73.6	45.5	206.1
<u>OPERATING REVENUES</u>	D o l l a r s				
Three Months ending March 31, 1952	651,976	2,308,982	381,109	393,760	3,735,827
<u>EMPLOYEES AND EARNINGS</u>	N u m b e r				
Number of employees (April, 1952)	220	287	42	77	626
<u>Salaries and Wages-</u>	D o l l a r s				
This month (April, 1952)	69,823	107,683	13,055	23,554	214,115
This year (4 months)	266,475	408,530	47,947	87,300	810,252
<u>Man Hours Worked by Wage Earners</u>	H o u r s				
This month (April, 1952)	27,405	452	1,056	7,937	36,850
This year (4 months)	106,421	2,734	2,653	29,571	141,379

*Totals include duplications between companies.

(1) Anglo-Canadian Oils Limited.

B.A. Alberta Pipe Line Limited

B.A. Saskatchewan Pipe Line Limited

Edmonton Pipe Line Co. Limited

Socony-Vacuum Exploration Co.

Texaco Exploration Company

Valley Pipe Line Company Ltd.

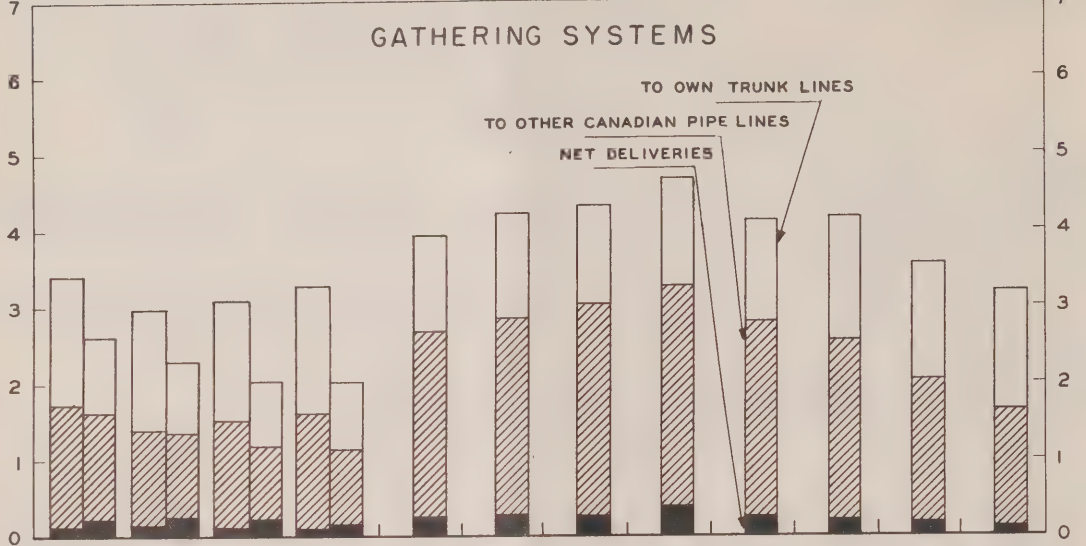
Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

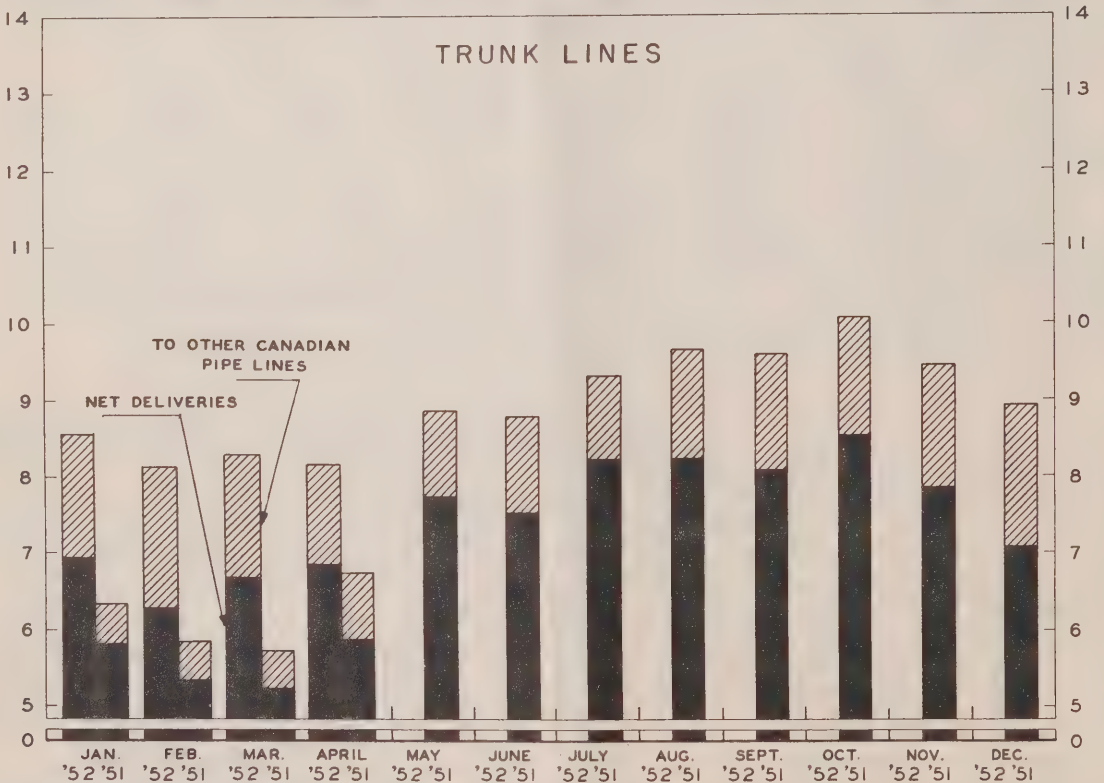
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

8504-508

NO. 5

PIPE LINES (OIL) STATISTICS

19-8-52

MAY, 1952

UNIVERSITY OF
DEPT. OF POLITICAL ECONOMY

During May a net average of 302,091 barrels of oil flowed out of Canada's pipe lines each day. This was the first time a daily average of 300,000 barrels for all lines had been reached and represented a 29.7 p.c. increase over the 232,868 barrels per day delivered in April and was 16.6 p.c. higher than the 258,987 barrels per diem during May, 1951.

May deliveries were a net 9,364,821 barrels, 2,378,790 greater than the April total of 6,986,031 and 1,336,209 barrels over the May, 1951 movement. The traffic carried by trunk lines rose from 6,884,069 barrels in April to 9,261,800 in May. Trunk line movement in May, 1951 amounted to 7,766,973 barrels. Deliveries from gathering systems were 103,021 barrels compared with 101,962 in April and 261,639 the previous May. All provinces showed increases over the net deliveries made in May a year ago with Manitoba leading the way with a 52 p.c. gain. The deliveries in the several provinces were (May, 1951 figures in brackets): Alberta 1,311,695 (1,151,451 barrels); Saskatchewan 797,559 (755,153); Manitoba 3,064,186 (2,016,573) and Quebec 4,191,381 (4,105,435). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin 2,532,734 (1,587,743) and delivered within the province 531,452 (428,830).

For the first time this year Alberta oil flowed into the Canadian pipe lines system in greater volume than imported crude. A net total of 5,048,182 barrels of Alberta crude entered the pipe lines during May compared with 4,148,328 barrels of imported crude. In May, 1951 the inflow of Alberta oil was 4,051,886 barrels as against imports totalling 4,124,868 barrels.

Net deliveries in the first five months of 1952 indicated an increase of 18.3 p.c. or 5,713,246 barrels over five month totals in 1951 and stood at 36,852,478 barrels compared with 31,139,232 in the earlier period. Deliveries in each province to May 31st were (1951 data in brackets): Alberta 5,979,547 (4,947,575); Saskatchewan 3,834,093 (3,745,134); Manitoba 8,285,439 (4,431,988) and Quebec 18,753,399 (18,014,535). The totals for Manitoba included 5,881,814 barrels en route to Superior, Wisconsin principally for delivery to Ontario ports. This was up 2,615,122 barrels from the 1951 figure of 3,266,692.

Gathering systems handled a daily average of 149,394 barrels in May, well ahead of the 128,540 moved each day in May, 1951. An average 361,799 barrels were handled per diem by trunk lines up 73,789 barrels a day from the May, 1951 average of 288,010. Oil moved a total of 3,172 million barrel miles through trunk lines during the current May against 2,358 million barrel miles during the previous May. Five month totals were, for 1952, 10,004 million barrel miles and for 1951, 6,741 million. The average length of haul was 282.8 miles in May compared with 264.1 one year earlier. Average mileage travelled by a barrel of oil in April this year was 210.7.

Earnings of 671 employees were \$229,277 in May while 626 received \$214,115 in April and 532 persons were paid \$177,892 in May, 1951.

The opening of navigation on the Great Lakes brought deliveries of both Imperial Pipe Line Co. and Interprovincial Pipe Line Ltd. up sharply. A smaller increase, however, enabled Montreal Pipe Line Co. to maintain its position as the leader in oil terminated. May deliveries of 4,148,328 barrels brought the Montreal firm's total to 18,768,160 barrels in the first five months of the year. The increased volume of movement was shown in the fact that Imperial Pipe Line delivered 128,837 barrels daily in May compared with 88,825 each day in April. Montreal trunk line deliveries rose from 119,610 barrels daily in April to 135,206 a day in May while Interprovincial Pipe Line equivalents were 77,574 in April and 130,906 in May. Interprovincial hauled oil an average of 685 miles per barrel and performed a total of 2,780,000,000 barrel miles during May. Five month figures for the company were 622 miles per barrel and 8,264,000,000 barrel miles performed.

Net totals given in table 6 exceed those in tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the table on the next page.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

	<u>Barrels</u>
Total Received into Systems - all companies - during first five months of 1952 per table 6	53,250,024
Received into Trunk lines from Other Canadian Pipe Lines	16,342,750
"Net Received" into Canadian Pipe Line Systems	<u>36,907,274</u>
"Net Received" into Trunk Systems per table 1	19,646,229
"Net Received" into Gathering Systems per table 2	17,261,045
Total Delivered out of Systems - all companies - during first five months of 1952, per table 6	53,205,747
Delivered to other Canadian Pipe Lines	16,353,269
"Net Delivered" from Canadian Pipe Line Systems	<u>36,852,478</u>
"Net Delivered" from Trunk Systems per table 1	36,243,711
"Net Delivered" from Gathering Systems per table 2	608,767

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the five-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - MAY, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to May 31, 1952	17,261,045	
Received into Trunk Systems January 1 to May 31, 1952	44,403,975	61,665,020
Total oil accountable for period		64,078,850
Delivered from Gathering Systems, January 1 to May 31, 1952	17,250,818	
Delivered from Trunk Systems, January 1 to May 31, 1952	44,369,925	61,620,743
Balance to be accounted for at May 31, 1952		2,458,107
Oil consumed as fuel and losses		63,915
Balance on hand - May 31, 1952		<u>2,394,192</u>
Total Shippers Balances - May 31, 1952	2,131,650	
Total Carriers Balances - May 31, 1952	262,542	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
May, 1951	1,855,014	8,197
April, 1952	827,151	67,389
May, 1952	488,219	40,310
Year to Date, 1952 (five months)	4,362,762	283,649

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	May 1952	April 1952	May 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	11,031,709	8,313,591	9,168,426	44,403,975
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,038,934	1,666,101	1,294,676	8,414,996
3. Other pipe lines - Gathering	2,494,227	1,509,521	2,485,450	8,242,911
4. Trunk	1,954,443	1,295,611	1,145,457	8,099,839
5. Net Received (6+7+8)	4,544,105	3,842,358	4,242,843	19,646,229
6. Originating on own trunk lines	245,181	89,391	-	334,572
7. Received from foreign pipe line connections	4,148,328	3,665,331	4,124,868	18,768,160
8. Received from other carriers (rail & truck)	150,596	87,636	117,975	543,497
9. <u>Total Delivered*</u> (10+11)	11,215,740	8,192,905	8,928,350	44,369,925
10. Less: Delivered to other Canadian trunk lines	1,953,940	1,308,836	1,161,377	8,126,214
11. Net Delivered (12+13+14)	9,261,800	6,884,069	7,766,973	36,243,711
12. Terminated on own trunk lines	6,729,066	5,838,525	6,179,230	30,361,897
13. Delivered to foreign pipe line connections	2,532,734	1,045,544	1,587,743	5,881,814
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	May 1952	April 1952	May 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,652,405	3,287,232	3,933,911	17,261,045
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,652,405	3,287,232	3,933,911	17,261,045
18. Originating on own gathering system	4,635,290	3,284,643	3,853,313	17,216,784
19. Received from other carriers (rail & truck)	17,115	2,589	80,598	44,261
20. <u>Total Delivered*</u> (21+22+23)	4,631,220	3,273,683	3,984,754	17,250,818
Less: Delivered to other pipe lines-				
21. Own trunk system	2,038,934	1,666,101	1,294,676	8,414,996
22. Other pipe lines	2,489,265	1,505,620	2,428,439	8,227,055
23. Net Delivered (24+25)	103,021	101,962	261,639	608,767
24. Terminated on gathering systems	35,899	33,317	31,457	155,286
25. Delivered to other carriers (rail & truck)	67,122	68,645	230,182	453,481

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	May 1 9 5 2	April 1 9 5 2	May 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	4,652,405	3,287,232	3,933,911	17,261,045
Trunk	395,777	177,027	117,975	878,069
Quebec (1) - Trunk	4,148,328	3,665,331	4,124,868	18,768,160
Net Received - Trunk	4,544,105	3,842,358	4,242,843	19,646,229
Total	9,196,510	7,129,590	8,176,754	36,907,274

(1) Receipts from U.S. pipe lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	May 1 9 5 2	April 1 9 5 2	May 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta - Gathering	103,021	101,962	261,639	608,767
Trunk	1,208,674	1,220,266	889,812	5,370,780
Saskatchewan - Trunk	797,559	719,409	755,153	3,834,093
Manitoba (2) - Trunk	3,064,186	1,356,085	2,016,573	8,285,439
Quebec - Trunk	4,191,381	3,588,309	4,105,435	18,753,399
Net Delivered- Trunk	9,261,800	6,884,069	7,766,973	36,243,711
Total	9,364,821	6,986,031	8,028,612	36,852,478
(2) Including deliveries to U.S. pipe lines at Gretna, Man.	2,532,734	1,045,544	1,587,743	5,881,814

TABLE 5

OPERATING STATISTICS

	May 1 9 5 2	April 1 9 5 2	May 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	149,394	109,123	128,540	110,333
Trunk Lines "	361,799	273,098	288,010	299,499
Total Barrel Miles (Trunk Lines) Millions	3,172	1,727	2,358	10,004
Average Miles per Barrel (Trunk Lines) Miles	282.8	210.7	264.1	225.4
Employees and Earnings				
Average Number (3) No.	671	626	532	623
Total Salaries and Wages \$	229,277	214,115	(5) 177,892	1,039,539
Man Hours worked by Wage earners (4) Hours	43,219	36,850	33,465	184,598

(3) Includes salaried employees.

(4) Includes overtime.

(5) Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MAY, 1952

	Imperial Pipe Line Co.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Line Companies(1)	Total
<u>TRAFFIC*</u>					
<u>Barrels</u>					
<u>Total Received into System</u>					
This month (May, 1952)	4,158,840	3,915,929	4,148,328	1,422,083	13,645,180
This year (5 months)	14,678,829	13,309,139	18,768,160	6,493,896	53,250,024
<u>Total Delivered out of System</u>					
This month (May, 1952)	4,144,531	4,058,074	4,191,381	1,414,040	13,808,026
This year (5 months)	14,678,264	13,290,442	18,753,399	6,483,642	53,205,747
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (May, 1952)	128,837	-	-	20,557	149,394
This year (5 months)	92,992	-	-	17,341	110,333
<u>Trunk Lines</u>					
This month (May, 1952)	64,897	130,906	135,206	30,790	361,799
This year (5 months)	48,697	95,030	123,378	32,394	299,499
<u>TOTAL BARREL MILES</u>					
<u>Miles</u>					
(Trunk Lines - in millions)					
This month (May, 1952)	36	2,780	309	47	3,172
This year (5 months)	131	8,264	1,381	228	10,004
<u>AVERAGE MILES PER BARREL</u>					
(Trunk Lines)					
This month (May, 1952)	17.7	685.0	73.7	49.2	282.8
This year (5 months)	17.6	622.0	73.6	46.3	225.4
<u>OPERATING REVENUES</u>					
<u>Dollars</u>					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	393,760	3,735,827
<u>EMPLOYEES AND EARNINGS</u>					
<u>Number</u>					
Number of employees (May, 1952)	237	301	52	81	671
<u>Dollars</u>					
<u>Salaries and Wages-</u>					
This month (May, 1952)	74,295	115,149	14,658	25,175	229,277
This year (5 months)	340,770	523,679	62,605	112,475	1,039,529
<u>Man Hours Worked by Wage Earners</u>					
<u>Hours</u>					
This month (May, 1952)	30,799	1,129	2,498	8,793	43,219
This year (5 months)	137,220	3,863	5,151	38,364	184,598

* Totals include duplications between companies.

(1) Anglo-Canadian Oils Limited.

B.A. Alberta Pipe Line Limited

B.A. Saskatchewan Pipe Line Limited

Edmonton Pipe Line Co. Limited

Socony-Vacuum Exploration Co.

Texaco Exploration Company

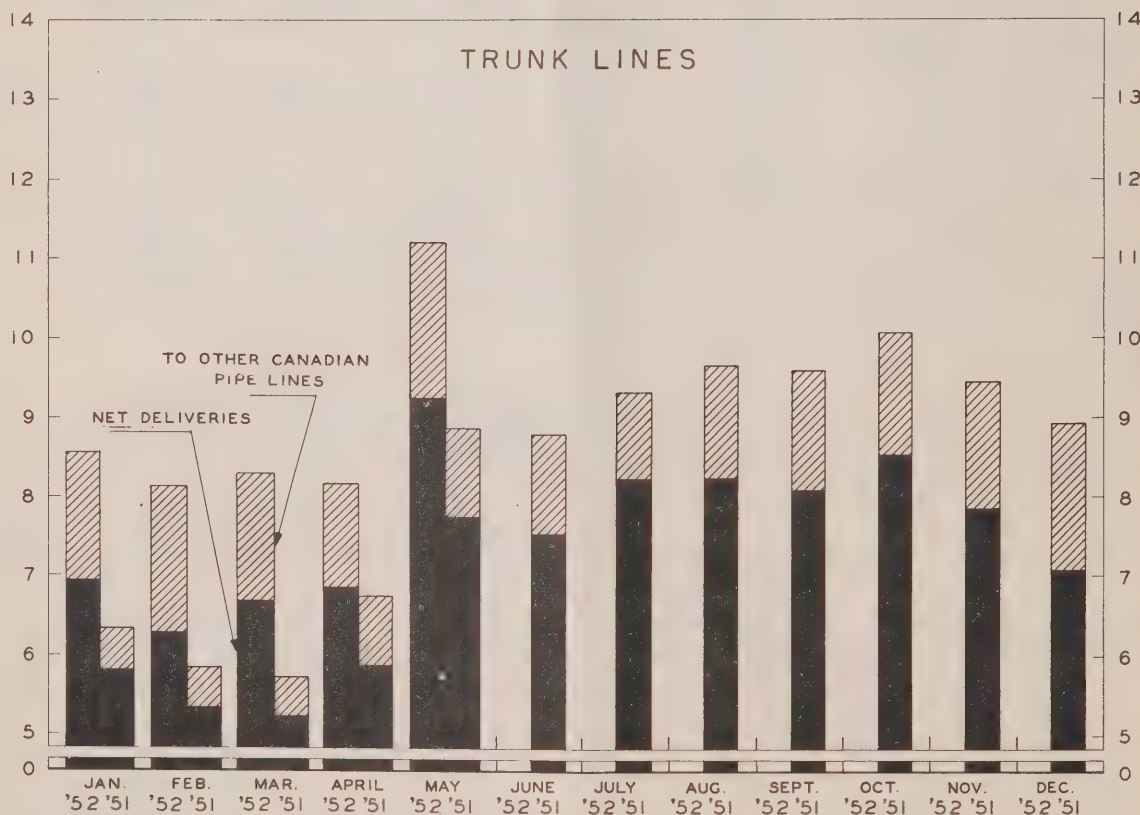
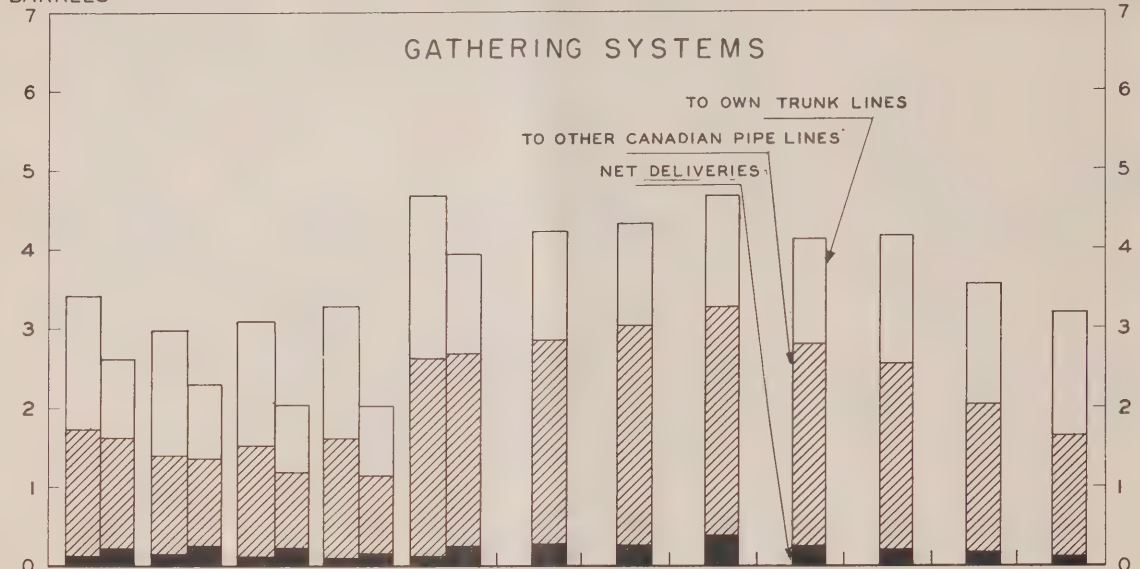
Valley Pipe Line Company Limited

Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

MILLION
BARRELS

MILLION
BARRELS



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

TRANS. & PUB. UTIL. FILE BAROMETRICS FILE .P*

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

UNIVERSITY OF TORONTO

DIST. OF DOMESTIC ECONOMY

PIPE LINES (OIL) STATISTICS

8504-508

JUNE, 1952

16-9-52

VOL. 2

NO. 6

A slight decline in net oil deliveries occurred in June when a daily average of 236,882 barrels flowed out of the pipe lines compared with a daily 302,091 in May. June deliveries did, however, register a 12.4 p.c. increase over the 264,240 barrels which left the Canadian pipe lines each day in June, 1951.

Net deliveries in June totalled 8,906,459 barrels, down 458,362 from the May figure of 9,364,821 but up 1,287,866 from the deliveries made in June, 1951. Trunk line deliveries totalled 8,809,155 compared with 9,261,800 in May and 7,538,006 barrels the previous June. Another drop in gathering system net outflow occurred, the June total being 87,304 barrels, down from 103,021 in May and 270,888 during June the previous year. Increases over June, 1951 net deliveries were recorded by Manitoba and Quebec while Alberta and Saskatchewan registered small decreases. Comparative figures by provinces follow, with June, 1951 data in brackets: Alberta 1,156,998 barrels, (1,289,142); Saskatchewan 900,219 (851,850); Manitoba 2,980,676 (2,118,945) and Quebec 3,967,866 (3,548,957). Manitoba totals included transfers to Lakehead Pipe Line Co. 2,392,881 barrels (1,644,411) and delivered within the province 587,795 (474,534).

For the second successive month the Canadian pipe lines carried domestic crude in greater volume than imported oil. June receipts of Alberta oil were a net 4,996,329 barrels while net receipts of foreign crude oil were 4,040,763.

During the first six months of 1952 an increase of 17.5 p.c. or 6,810,811 barrels was registered over half-year totals of net deliveries in 1951. The comparison shows 46,758,937 barrels in the January to June period of 1952 against 38,948,126 in the similar period of 1951. The six-month totals by provinces, with 1951 data in brackets, follow: Alberta 7,136,545 (6,236,717); Saskatchewan 4,635,012 (4,596,984); Manitoba 11,266,115 (6,550,933) and Quebec 22,721,265 barrels (21,563,492). Included in Manitoba totals were 8,274,695 barrels transferred to the United States segment of the Interprovincial pipe line mainly for delivery to Ontario points. This represented a 3,363,592 barrel increase over the 1951 six-month total of 4,911,103.

A daily average of 152,090 barrels handled was the June performance of gathering systems, a considerable gain over the 140,246 per day in the previous June. Trunk line movement was up 81,517 barrels per day from 293,110 in June, 1951 to 374,627 each June day of 1952. Barrel miles performed in June on trunk lines was up considerably from 2,389 million last June to 3,119 million during June this year. Half-year totals of barrel miles amounted to 13,123 million compared with 9,130 million to June 30, 1951. Oil was moved an average 277.6 miles, down slightly from the May average of 282.8 miles per barrel but higher than the 271.7 miles that each barrel moved in June, 1951.

Employees totalled 677 persons and earned \$228,656 in June whereas 531 employees had earned \$170,494 in the previous June.

Both Imperial Pipe Line and the Interprovincial line had greater deliveries than Montreal Pipe Line in June but the latter carried the greatest volume during the first six months of this year. Imperial delivered 4,138,761, Interprovincial 4,040,723 and the Montreal company 3,967,866 barrels during the month of June 1952. Gathering line activities of Imperial Pipe Line registered a further gain in June with a daily average of 132,082 barrels handled against 128,837 per day during May. Interprovincial handled 134,697 barrels daily in June up from 125,900 in May while Montreal Pipe Line dropped from 135,206 in May to 132,262 barrels each June day. Oil travelled an average 274 miles through the Interprovincial trunk line and a June total of 2,733,000,000 barrel miles was recorded. These items brought a six-month average of 635 miles per barrel in the company's lines and a total of nearly 11 billion barrel miles performed to June 30.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the table on the next page.

	Barrels
Total Received into Systems - all companies - during first six months of 1952 per table 6	67,126,994
Received into Trunk Lines from Other Canadian Pipe Lines	21,173,629
"Net Received" into Canadian Pipe Line Systems	45,953,365
"Net Received" into Trunk Systems per table 1	24,183,525
"Net Received" into Gathering Systems per table 2	21,769,840
Total Delivered out of Systems - all companies - during first six months of 1952, per table 6	66,939,973
Delivered to other Canadian Pipe Lines	21,181,036
"Net Delivered" from Canadian Pipe Line Systems	45,758,937
"Net Delivered" from Trunk Systems per table 1	45,052,866
"Net Delivered" from Gathering Systems per table 2	706,071

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the six-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - JUNE, 1952

	Barrels	Barrels
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to June 30, 1952	21,769,840	
Received into Trunk Systems January 1 to June 30, 1952	55,839,430	77,609,270
Total oil accountable for period		80,023,100
Delivered from Gathering Systems, January 1 to June 30, 1952	21,813,526	
Delivered from Trunk Systems, January 1 to June 30, 1952	55,608,723	77,422,249
Balance to be accounted for at June 30, 1952		2,600,851
Oil consumed as fuel and losses		101,935
Balance on hand - June 30, 1952		2,498,916
Total Shippers Balances - June 30, 1952	2,236,588	
Total Carriers Balances - June 30, 1952	262,328	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
June, 1951	2,503,181	48,029
May, 1952	488,219	40,310
June, 1952	475,863	40,330
Year to Date, 1952 (six months) .	4,838,325	333,979

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	June 1952	May 1952	June 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	11,435,456	11,031,708	8,958,025	55,839,430
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,067,280	2,038,934	1,357,976	10,482,276
3. Other pipe lines - Gathering	2,402,065	2,494,227	2,603,993	10,644,976
4. Trunk	2,428,814	1,954,443	1,264,217	10,528,653
5. Net Received (6+7+8)	4,537,297	4,544,104	3,731,839	24,183,525
6. Originating on own trunk lines	311,236	245,180	-	645,807
7. Received from foreign pipe line connections	4,049,763	4,148,328	3,564,638	22,817,923
8. Received from other carriers (rail & truck)	176,298	150,596	167,201	719,795
9. Total Delivered* (10+11)	11,238,798	11,215,740	8,793,273	55,608,723
10. Less: Delivered to other Canadian trunk lines	2,429,643	1,953,940	1,255,267	10,555,857
11. Net Delivered (12+13+14)	8,809,155	9,261,800	7,538,006	45,052,866
12. Terminated on own trunk lines	6,416,274	6,729,066	5,893,595	36,778,171
13. Delivered to foreign pipe line connections	2,392,881	2,532,734	1,644,411	8,274,695
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	June 1952	May 1952	June 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,508,795	4,652,405	4,195,363	21,769,840
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,508,795	4,652,405	4,195,363	21,769,840
18. Originating on own gathering system	4,499,991	4,635,290	4,128,973	21,716,775
19. Received from other carriers (rail & truck)	8,804	17,115	66,390	53,065
20. <u>Total Delivered*</u> (21+22+23)	4,562,708	4,631,220	4,207,381	21,813,526
Less: Delivered to other pipe lines-				
21. Own trunk system	2,067,280	2,038,934	1,357,976	10,482,276
22. Other pipe lines	2,398,124	2,489,265	2,578,517	10,625,179
23. Net Delivered (24+25)	97,304	103,021	270,888	706,071
24. Terminated on gathering systems	44,116	35,899	35,192	191,462
25. Delivered to other carriers (rail & truck)	53,188	67,122	235,696	509,609

* Includes duplications.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		June 1 9 5 2	May 1 9 5 2	June 1 9 5 1	Year to Date 1 9 5 2
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	4,508,795	4,652,405	4,195,363	21,769,840
	Trunk	487,534	395,776	167,201	1,365,602
Quebec (1)	- Trunk	4,049,763	4,148,328	3,564,638	22,817,923
Net Received	- Trunk	4,537,297	4,544,104	3,731,829	24,183,525
	Total	9,046,092	9,196,509	7,927,202	45,953,365

(1) Receipts from U.S. pipe lines at Highwater, Que.

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		June 1 9 5 2	May 1 9 5 2	June 1 9 5 1	Year to Date 1 9 5 2
		Barrels	Barrels	Barrels	Barrels
Alberta	- Gathering	97,304	103,021	270,888	706,071
	Trunk	1,059,694	1,208,674	1,018,254	6,430,474
Saskatchewan	- Trunk	800,919	797,559	851,850	4,635,012
Manitoba (2)	- Trunk	2,980,676	3,064,186	2,118,945	11,266,115
Quebec	- Trunk	3,967,866	4,191,381	3,548,957	22,721,265
Net Delivered	- Trunk	8,809,155	9,261,800	7,538,006	45,052,866
	Total	8,906,459	9,364,821	7,808,894	45,758,937
(2) Including deliveries to U.S. pipe lines at Gretna, Man.		2,392,881	2,532,734	1,644,411	8,274,695

TABLE 5

OPERATING STATISTICS

		June 1 9 5 2	May 1 9 5 2	June 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average					
Gathering Systems	Barrels	152,090	149,394	140,246	119,855
Trunk Lines	"	374,627	361,799	293,110	305,542
Total Barrel Miles (Trunk Lines)	Millions	3,119	3,172	2,389	13,123
Average Miles per Barrel (Trunk Lines)	Miles	277.5	282.8	271.7	236.0
Employees and Earnings					
Average Number (3)	No.	677	671	531	632
Total Salaries and Wages	\$	228,655	229,277	(5) 170,494	1,268,184
Man Hours Worked by Wage Earners (4)	Hours	41,547	43,219	34,384	226,145

(3) Includes salaried employees.

(4) Includes overtime.

(5) Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JUNE, 1952

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*					
Barrels					
Total Received into System					
This month (June, 1952)	4,096,062	4,099,343	4,049,763	1,631,803	13,876,971
This year (6 months)	18,774,891	17,408,482	22,817,923	8,125,698	67,126,994
Total Delivered out of System					
This month (June, 1952)	4,138,761	4,040,723	3,967,866	1,586,876	13,734,226
This year (6 months)	18,817,025	17,331,165	22,721,265	8,070,518	66,939,973
OPERATING STATISTICS					
Barrels Handled - Daily Average					
Gathering Lines					
This month (June, 1952)	132,082	-	-	20,008	152,090
This year (6 months)	99,435	-	-	20,420	119,855
Trunk Lines					
This month (June, 1952)	69,155	134,691	132,262	38,519	374,627
This year (6 months)	52,069	95,226	124,842	33,405	305,542
TOTAL BARREL MILES					
(Trunk Lines - in millions)					
This month (June, 1952)	37	2,733	293	56	3,119
This year (6 months)	168	10,997	1,674	284	13,123
AVERAGE MILES PER BARREL					
(Trunk Lines)					
This month (June, 1952)	17.9	676.0	73.8	48.7	277.5
This year (6 months)	17.7	635.0	73.7	57.5	236.0
OPERATING REVENUES					
Dollars					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	(2) 400,825	3,742,892
Six Months ending June 30, 1952	1,549,965	5,944,947	785,806	810,337	9,091,157
EMPLOYEES AND EARNINGS					
Number					
Number of employees (June, 1952)	239	298	51	89	677
Dollars					
Salaries and Wages					
This month (June, 1952)	73,467	114,226	15,691	25,272	228,655
This year (6 months)	414,237	637,904	78,296	137,747	1,268,184
Man Hours Worked by Wage Earners					
Hours					
This month (June, 1952)	28,675	1,519	2,434	8,919	41,547
This year (6 months)	165,895	5,382	7,585	47,283	226,145

* Totals include duplications between companies.

(2) Revised.

(1) Anglo-Canadian Oils Limited.

B.A. Alberta Pipe Line Limited

B.A. Saskatchewan Pipe Line Limited

Edmonton Pipe Line Co. Limited

Socony-Vacuum Exploration Co.

Texaco Exploration Company

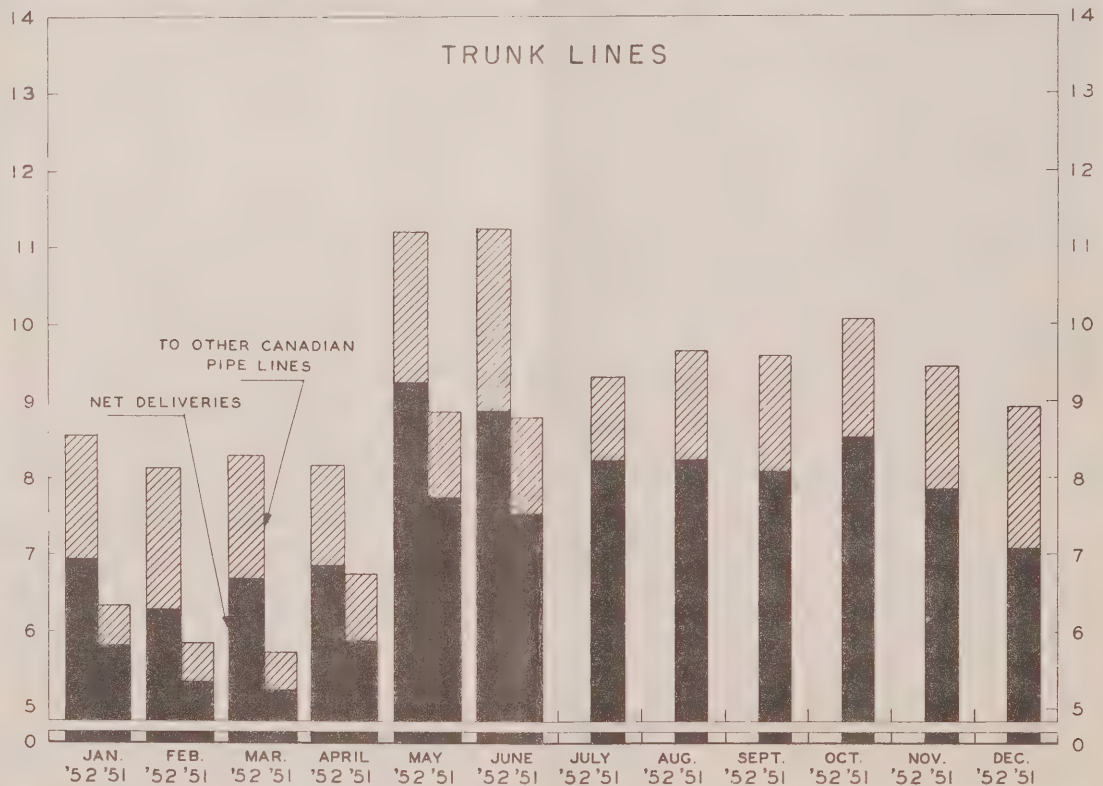
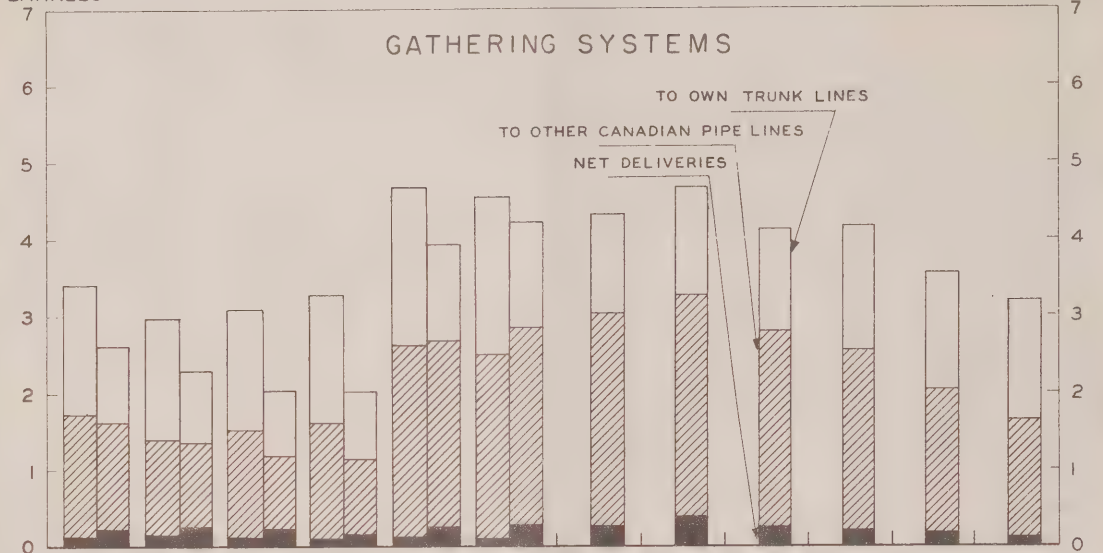
Valley Pipe Line Company Limited

Winnipeg Pipe Line Company Limited.

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

MILLION
BARRELS

MILLION
BARRELS



* CRUDE PLUS SOME NATURAL GASOLINE (EXCLUDES PRODUCTS)

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

PIPE LINES (OIL) STATISTICS

8504-508

No. 7

JULY, 1952

4-10-52

Net oil deliveries from Canadian pipe lines were up 6.6 p.c. from a daily 304,459 barrels in June to 324,548 each day in July. The increase over the July, 1951 average of 274,150 barrels per day was 18.4 p.c. This rise was accounted for partly by the greater number of pipe lines in operation and by greater deliveries from those which operated in July of both years.

In the month of July the ten million barrel mark of net deliveries was reached for the first time with an outflow of 10,050,973 barrels from Canadas' pipe line network. An increase of 10.2 p.c. over the revised June movement of 9,133,760 barrels and of 18.4 p.c. or 156,234 over the July, 1951 net deliveries of 8,498,635 barrels was registered during the month under review. Net trunk line deliveries for July rose 1,722,328 barrels above the July, 1951 total and 915,687 barrels over the June figure to reach 9,952,143 barrels. Gathering system deliveries rose 11,526 barrels over June but were 159,990 barrels lower than in July 1951. Net deliveries in all provinces were higher than those made one year earlier. Comparison of provincial totals in the two periods follows, with July, 1951 data in brackets: Alberta 1,408,492 barrels (1,303,218); Saskatchewan 1,093,332 (943,243); Manitoba 3,004,035 (2,353,577); Ontario 137,062 (nil*) and Quebec 4,418,052 barrels (3,898,597). Included in the Manitoba totals are: transfers to Lakehead Pipe Line Co. 2,548,592 (1,992,757) and delivered within the province 455,443 barrels (360,820).

During July net receipts of oil for movement in the Canadian pipe lines included 5,417,294 barrels of Alberta crude, 4,408,373 of imported crude and 138,384 barrels of refinery products.

Net deliveries of 56,291,979 barrels in the first seven months of 1952 were up 8,845,218 barrels or 18.6 p.c. over the 47,446,761 delivered to the end of July last year. Provincial totals for the seven-month periods follow, with 1951 data in brackets: Alberta 8,545,037 (7,539,935); Saskatchewan 5,728,344 (5,540,227); Manitoba 14,270,150 (8,904,510); Ontario 609,131 (nil*) and Quebec 27,139,317 (25,462,089). Manitoba totals included 10,823,287 (6,903,860) barrels transferred to the United States sector of the Interprovincial pipe line and destined principally for Ontario points via lake tanker.

Gathering systems handled an average 151,426 barrels per day during July, well above the 139,463 per day in the previous July. Movement by trunk lines climbed 93,433 barrels to a daily average of 394,291 compared with 300,858 barrels a year earlier. Trunk lines moved oil an average 267 miles and achieved a traffic total of 3,264 million barrel miles in the current July. In July, 1951 the average length of haul was 283.2 miles but total barrel miles were 613 million lower at 2,641 million. Seven month totals show that oil moved 16,417 million barrel miles to July 31, 1952 while to the same date last year the movement was only 11,771 million. Average distance oil moved was 227.4 miles in the seven month 1951 period and 240.4 in the first seven months of 1952.

A total of 683 employees earned \$238,443 in July while earnings of 563 workers the previous July were \$176,146. Wage earners worked 45,841 hours in July, 1952 and 33,803 hours in July, 1951.

Montreal Pipe Line again assumed the leadership in oil deliveries during the month here reviewed with deliveries of 4,418,052 barrels to make a total of 27,139,317 in the seven-month period. Imperial Pipe Line handled a daily 131,029 barrels in its gathering system in July and the Montreal company had trunk line traffic of 142,518 barrels per day compared with 137,529 barrels per day for Interprovincial Pipe Line. Interprovincial performed a total haul of 2,838,000,000 barrel miles in the month to bring its total for the year to 13,825,000,000 or nearly 85 p.c. of the grand total of 16,417,000,000.

- * This report includes for the first time traffic moved in the lines of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. The line operates entirely within the province of Ontario and is used to transport refinery products from the Company's refineries to company distributing centres. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been retained in all other applicable sections of the report.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies - during first seven months of 1952 per table 6	82,496,847
Received into Trunk Lines from Other Canadian Pipe Lines	26,053,958
"Net Received" into Canadian Pipe Line Systems	56,442,889
"Net Received" into Trunk Systems per table 1	29,958,587
"Net Received" into Gathering Systems per table 2	26,484,302
 Total Delivered out of Systems - all companies - during first seven months of 1952, per table 6	82,347,034
Delivered to other Canadian Pipe Lines	26,055,055
"Net Delivered" from Canadian Pipe Line Systems	56,291,979
"Net Delivered" from Trunk Systems per table 1	55,477,078
"Net Delivered" from Gathering Systems per table 2	814,901

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the seven-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - JULY, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to July 31, 1952	26,484,302	
Received into Trunk Systems January 1 to July 31, 1952	68,477,054	94,961,356
Total oil accountable for period		97,375,186
Delivered from Gathering Systems, January 1 to July 31, 1952	26,507,718	
Delivered from Trunk Systems, January 1 to July 31, 1952	68,303,825	94,811,543
Balance to be accounted for at July 31, 1952		2,563,643
Oil consumed as fuel and losses		140,341
Balance on hand - July 31, 1952		2,423,302
Total Shippers Balances - July 31, 1952	2,138,894	
Total Carriers Balances - July 31, 1952	284,408	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
July, 1951	653,581	62,794
June, 1952	475,563	40,330
July, 1952	516,282	45,086
Year to Date, 1952 (seven months) . .	5,354,607	369,065

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK †

	July 1 9 5 2	June X 1 9 5 2	July 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	12,112,151	11,665,676	9,232,730	68,477,054
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,982,233	2,067,280	1,310,278	12,464,509
3. Other pipe lines - Gathering	2,606,120	2,402,065	2,750,420	13,251,096
4. Trunk	2,274,209	2,428,814	1,093,247	12,802,862
5. Net Received (6+7+8)	5,249,589	4,767,517	4,078,785	29,958,587
6. Originating on own trunk lines	495,591	541,456	-	1,666,871
7. Received from foreign pipe line connections	4,408,373	4,049,763	3,894,885	27,226,296
8. Received from other carriers (rail & truck)	345,625	176,298	183,900	1,065,420
9. <u>Total Delivered*</u> (10+11)	12,223,033	11,466,099	9,326,624	68,303,825
10. Less: Delivered to other Canadian trunk lines	2,270,890	2,429,643	1,096,809	12,826,747
11. Net Delivered (12+13+14)	9,952,143	9,036,456	8,229,815	55,477,078
12. Terminated on own trunk lines	7,403,551	6,643,575	6,237,058	44,653,791
13. Delivered to foreign pipe line connections	2,548,592	2,392,881	1,992,757	10,823,287
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

X Revised.

† Includes products and natural gasoline.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING †

	July 1 9 5 2	June 1 9 5 2	July 1 9 5 1	Year to date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,714,462	4,508,795	4,311,258	26,484,302
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,714,462	4,508,795	4,311,258	26,484,302
18. Originating on own gathering system	4,698,410	4,499,991	4,297,164	26,415,185
19. Received from other carriers (rail & truck)	16,052	8,804	14,094	69,117
20. <u>Total Delivered*</u> (21+22+23)	4,694,192	4,562,708	4,323,343	26,507,718
Less: Delivered to other pipe lines-				
21. Own trunk system	1,982,233	2,067,280	1,310,278	12,464,509
22. Other pipe lines	2,603,129	2,398,124	2,744,245	13,228,308
23. Net Delivered (24+25)	108,830	97,304	268,820	814,901
24. Terminated on gathering systems	52,507	44,116	27,712	251,909
25. Delivered to other carriers (rail & truck)	56,323	53,188	241,108	562,992

* Includes duplications.

† Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	July 1 9 5 2	June 1 9 5 2	July 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,714,462	4,508,795	4,311,258	26,484,302
Trunk	702,832	487,534	183,900	2,068,434
Ontario (2) - Trunk	138,384	230,220	-	663,857
Quebec (3) - Trunk	4,408,373	4,049,763	3,894,885	27,226,296
Net Received - Trunk	5,249,589	X 4,767,517	4,078,785	29,958,587
Total	9,964,051	X 9,276,312	8,390,043	56,442,889

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	July 1 9 5 2	June 1 9 5 2	July 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	108,830	97,304	268,820	814,901
Trunk	1,299,662	1,059,694	1,034,398	7,730,136
Saskatchewan - Trunk	1,093,332	800,919	943,243	5,728,344
Manitoba / - Trunk	3,004,035	2,980,676	2,353,577	14,270,150
Ontario (2) - Trunk	137,062	227,301	-	609,131
Quebec - Trunk	4,418,052	3,967,866	3,898,597	27,139,317
Net Delivered - Trunk	9,952,143	X 9,036,456	8,229,815	55,477,078
Total	10,060,973	X 9,133,760	8,498,635	56,291,979
/ Including deliveries to U.S. pipe lines at Gretna, Man.	2,548,592	2,392,881	1,992,757	10,823,287

TABLE 5

OPERATING STATISTICS

	July 1 9 5 2	June 1 9 5 2	July 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	151,426	152,090	139,463	124,449
Trunk Lines "	394,291	X 382,203	300,858	320,675
Total Barrel Miles (Trunk Lines) Millions	3,264	X 3,119	2,641	16,417
Average Miles per Barrel (Trunk Lines) Miles	267.0	X 277.5	283.2	240.4
Employees and Earnings (6)				
Average Number (4) No.	683	X 668	563	637
Total Salaries and Wages \$	236,443	X 227,339	X 176,146	1,502,771
Man Hours Worked by Wage Earners (5) (6) Hours	45,841	X 41,211	33,803	270,968

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Receipts from U.S. pipe lines at Highwater, Que.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited, Sarnia Products Line and Socony-Vacuum Exploration Co.

X Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JULY, 1952

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*					
<u>Barrels</u>					
Total Received into System					
This month (July, 1952)	4,415,790	4,194,394	4,408,373	(2) 1,825,823	14,844,380
This year (7 months)	23,190,681	21,602,876	27,226,296	(3) 10,476,994	82,496,847
Total Delivered out of System					
This month (July, 1952)	4,407,538	4,263,389	4,418,052	(4) 1,846,013	14,934,992
This year (7 months)	23,224,563	21,594,554	27,139,317	(5) 10,388,600	82,347,034
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (July, 1952)	131,029	-	-	20,397	151,426
This year (7 months)	104,034	-	-	20,415	124,449
<u>Trunk Lines</u>					
This month (July, 1952)	69,892	137,529	142,518	44,352	394,291
This year (7 months)	54,663	101,383	127,415	37,214	320,675
<u>Total Barrel Miles</u>					
<u>Miles</u>					
(Trunk Lines - in millions)					
This month (July, 1952)	39	2,838	325	62	3,264
This year (7 months)	206	13,835	1,999	377	16,417
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (July, 1952)	17.7	666.0	73.6	45.0	267.0
This year (7 months)	17.7	641.0	73.7	47.5	240.3
Revenue and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (5)	Total
OPERATING REVENUES					
<u>Dollars</u>					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	X 386,539	X 3,728,606
Six Months ending June 30, 1952	1,549,965	5,944,947	785,908	X 800,468	X 9,081,288
EMPLOYEES AND EARNINGS					
<u>Number</u>					
Number of employees (July, 1952)	236	309	51	87	683
<u>Dollars</u>					
Salaries and Wages					
This month (July, 1952)	79,803	114,487	16,784	27,369	238,443
This year (7 months)	494,040	752,391	95,080	161,260	1,502,771
<u>Man Hours Worked by Wage Earners</u>					
<u>Hours</u>					
This month (July, 1952)	31,922	1,381	3,383	9,155	45,841
This year (7 months)	197,817	6,763	10,968	55,420	270,968

- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Soccony-Vacuum Exploration Co.
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

*Totals include duplications between companies.

X Revised.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Company Limited
 Texaco Exploration Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

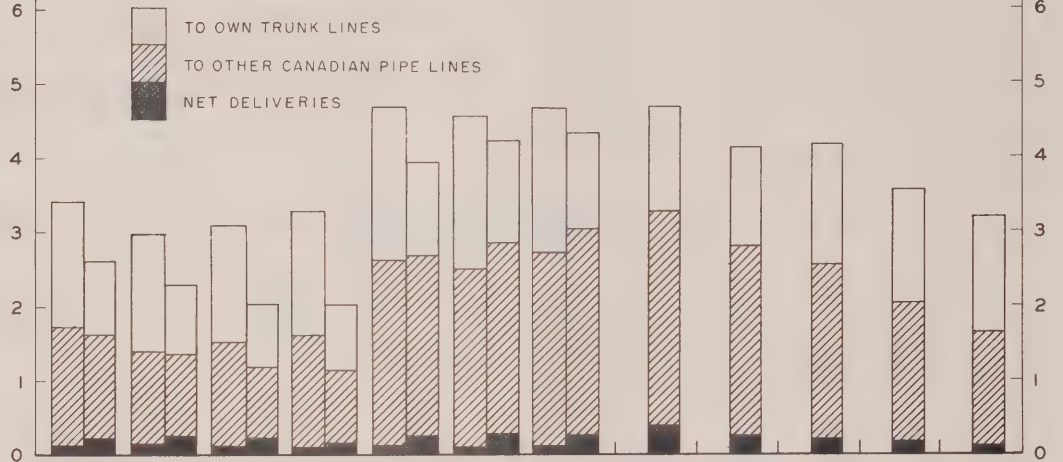
- (2) Includes 138,384 bbls. products and 35,352 bbls. natural gasoline
 (3) " 663,857 " " 270,372 " " "
 (4) " 137,062 " " 34,570 " " "
 (5) " 609,131 " " 264,964 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

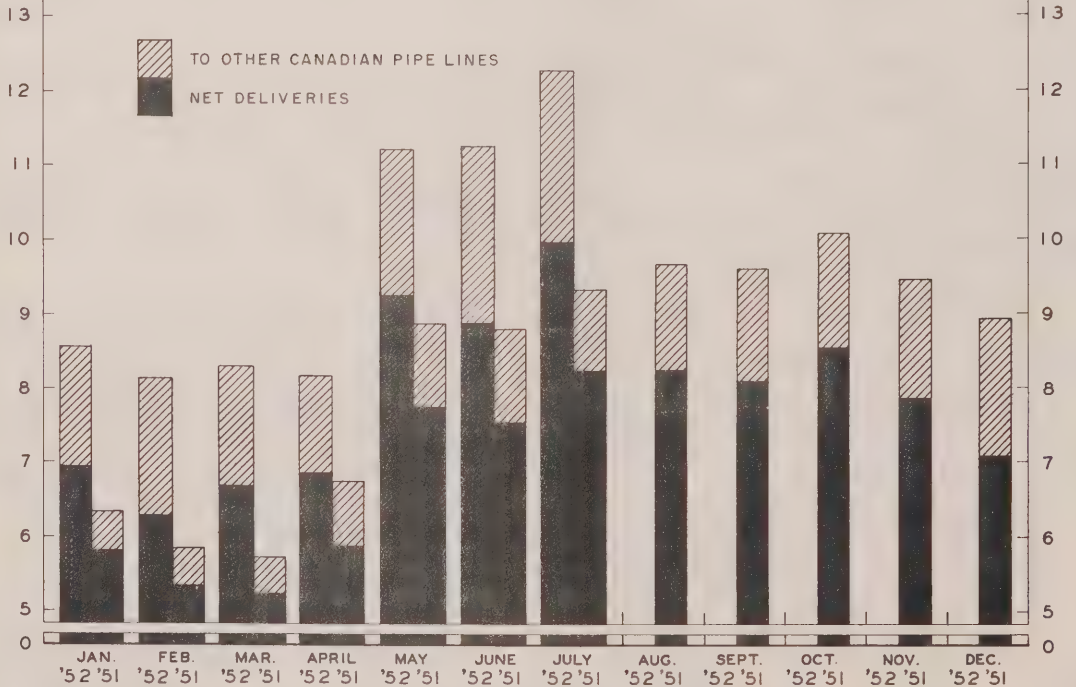
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

PIPE LINES (OIL STATISTICS)

8504-508

No. 8

AUGUST, 1952

26/11/52

A net daily average of 328,344 barrels of oil was delivered out of the Canadian pipe lines during August compared with 324,548 daily in July and an average 278,283 barrels per day in August of 1951. The new record movement in August this year represented a 1.2 p.c. increase over July and an 18 p.c. advance over the average volume moved each day in the previous August.

Net deliveries during the month totalled 10,178,679 barrels, 117,706 higher than the July total of 10,060,973 and 1,551,895 barrels above the August, 1951 movement. Trunk line traffic, which reached the ten million barrel mark for the first time, totalled 10,081,605 barrels, 129,462 more than in July and 1,846,445 barrels above trunk deliveries during August, 1951. All provinces except Alberta registered increases over combined trunk and gathering line movement in August 1951, the comparison between the two periods being as follows (August, 1951 data shown in brackets): Alberta 1,316,345 barrels (1,644,253); Saskatchewan 1,096,365 (883,598); Manitoba 3,070,351 barrels (2,266,098); Ontario 132,384 (Nil*) and Quebec 4,563,214 (3,832,835). Included in Manitoba deliveries is oil passing to the Lakehead Pipe Line Co. largely en route to Sarnia and other Ontario ports. These deliveries amounted to 2,525,599 barrels in the current August compared with 1,665,328 during August, 1951.

Net receipts of oil for movement in the Canadian pipe lines during August included 5,430,714 barrels of Alberta crude, 30,238 barrels of Alberta natural gasoline, 4,563,041 barrels of imported crude and 133,241 barrels of refinery products.

During the first eight months of 1952 a net total of 66,470,658 barrels delivered brought an 18.5 p.c. increase over the 56,073,545 barrels delivered in the corresponding period of 1951. Deliveries out of pipelines in the provinces to the end of August were (with 1951 data in brackets): Alberta 9,861,382 barrels (9,184,188); Saskatchewan 6,824,729 (6,423,825); Manitoba 17,340,501 (11,170,608); Ontario 741,515 (Nil*) and Quebec 31,702,531 (29,294,924) barrels. Manitoba totals included 13,348,886 barrels (8,569,188) transferred to the United States sector of the Inter-provincial pipe line and destined principally for delivery to Ontario points by lake tanker.

Gathering systems handled an average of 155,229 barrels per day during August thus showing a slight gain over the 151,281 per day in August last year. The daily average of 404,204 barrels handled by trunk systems in the month under review showed a gain of 92,096 barrels per day over the 312,108 transported every day during August, 1951. The average length of haul by trunk lines this August was 269 miles and the traffic movement totalled 3,370 million barrel miles. Trunk movement in the previous August totalled 2,581 million barrel miles, some 789 M.B.M. lower than in the current month but the length of haul at an average 266.8 miles was only slightly lower. Traffic movement in the first eight months of this year approached the 20 billion barrel miles mark while the movement to August 31, 1951 was only some 14.4 billion. Average haul of oil in the first eight months of 1952 was 244.8 miles compared with 233.6 miles in the same period of last year.

Persons employed numbered 696 in August and earned \$242,924 while 558 employees earned \$184,323 in August of 1951. Wage earners worked 42,771 hours in the current August and 39,024 hours a year earlier.

In the eight-month period to August 31 the Montreal pipe line delivered 31,702,531 barrels including 4,563,214 during the month under review. Imperial Pipe Line Co. handled a daily average of 135,032 barrels in its gathering system during August raising the daily average for that system to 107,972 barrels per day in the eight months. Montreal Pipe Line Co. handled 147,200 barrels per day in its trunk lines bringing the average during the January 1 to August 31 period to 129,928 barrels daily. Traffic movement performed by Interprovincial Pipe Line in August totalled over 2.9 billion barrel miles increasing the eight-month total for the company's transport activities to almost 16.8 billion or over 84 p.c. of the total for all companies which was 19.8 billion barrel miles.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of this year. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been retained in all other applicable sections of the report.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

UNIVERSITY OF TORONTO

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies - during first eight months of 1952 per table 6	97,786,160
Received into Trunk Lines from Other Canadian Pipe Lines	31,186,037
"Net Received" into Canadian Pipe Line Systems	66,600,123
"Net Received" into Trunk Systems per table 1	35,306,942
"Net Received" into Gathering Systems per table 2	31,293,181
 Total Delivered out of Systems - all companies - during first eight months of 1952, per table 6	 97,555,013
Delivered to other Canadian Pipe Lines	31,184,355
"Net Delivered" from Canadian Pipe Line Systems	66,470,658
"Net Delivered" from Trunk Systems per table 1	65,558,683
"Net Delivered" from Gathering Systems per table 2	911,975

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the eight-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - AUGUST, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to August 31, 1952	31,293,181	
Received into Trunk Systems January 1 to August 31, 1952	80,991,938	112,285,119
Total oil accountable for period		114,698,949
Delivered from Gathering Systems, January 1 to August 31, 1952	31,319,818	
Delivered from Trunk Systems, January 1 to August 31, 1952	80,834,154	112,153,972
Balance to be accounted for at August 31, 1952		2,544,977
Oil consumed as fuel and losses		165,802
Balance on hand - August 31, 1952		2,379,175
Total Shippers Balances - August 31, 1952	2,085,333	
Total Carriers Balances - August 31, 1952	293,842	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
August, 1951	516,427	60,278
July, 1952	516,282	45,086
August, 1952	386,557	47,436
Year to Date, 1952 (eight months) . .	5,741,164	416,501

TABLE 1

OIL⁴ CARRIED BY PIPE LINES - TRUNK

	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	12,514,884	12,112,151	9,795,828	80,991,938
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,034,450	1,982,233	1,420,217	14,498,959
3. Other pipe lines - Gathering	2,683,513	2,606,120	2,882,469	15,934,609
4. Trunk	2,448,566	2,274,209	1,419,318	15,251,428
5. Net Received (6+7+8)	5,348,355	5,249,589	4,073,824	35,306,942
6. Originating on own trunk lines	524,420	495,591	-	2,191,291
7. Received from foreign pipe line connections	4,563,041	4,408,373	3,852,389	31,789,337
8. Received from other carriers (rail & truck)	260,894	345,625	221,435	1,326,314
9. Total Delivered * (10+11)	12,530,329	12,223,033	9,675,372	80,834,154
10. Less: Delivered to other Canadian trunk lines	2,448,724	2,270,890	1,440,212	15,275,471
11. Net Delivered (12+13+14)	10,081,605	9,952,143	8,235,160	65,558,683
12. Terminated on own trunk lines	7,556,006	7,403,551	6,569,832	52,209,797
13. Delivered to foreign pipe line connections	2,525,599	2,548,592	1,665,328	13,348,886
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications

⁴ Includes products and natural gasoline.

TABLE 2

OIL⁴ CARRIED BY PIPE LINES - GATHERING

	AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	4,808,879	4,714,462	4,668,267	31,293,181
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,808,879	4,714,462	4,668,267	31,293,181
18. Originating on own gathering system	4,795,558	4,698,410	4,642,756	31,210,843
19. Received from other carriers (rail & truck)	13,221	16,052	25,511	82,338
20. Total Delivered * (21+22+23)	4,812,100	4,694,192	4,669,692	31,319,818
Less: Delivered to other pipe lines-				
21. Own trunk system	2,034,450	1,982,233	1,420,217	14,498,959
22. Other pipe lines	2,680,576	2,603,129	2,877,851	15,908,884
23. Net Delivered (24+25)	97,074	108,830	391,624	911,975
24. Terminated on gathering systems	33,222	52,507	111,164	285,131
25. Delivered to other carriers (rail & truck)	63,852	56,323	280,460	626,844

* Includes duplications

⁴ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	4,808,879	4,714,462	4,668,267	31,293,181
	- Trunk	652,073	702,832	221,435	2,720,507
Ontario ⁽²⁾	- Trunk	133,241	137,062	-	797,098
Quebec ⁽³⁾	- Trunk	4,563,041	4,418,052	3,852,389	31,789,337
Net Received	- Trunk	5,348,355	5,249,589	4,073,824	35,306,942
	Total	10,157,234	9,964,051	8,742,091	66,600,123

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		AUGUST 1952	JULY 1952	AUGUST 1951	YEAR TO DATE 1952
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	97,074	108,830	391,624	911,975
	- Trunk	1,219,271	1,299,662	1,252,629	8,949,407
Saskatchewan	- Trunk	1,096,385	1,093,332	883,598	6,824,729
Manitoba ⁺⁺	- Trunk	3,070,351	3,004,035	2,266,098	17,340,501
Ontario ⁽²⁾	- Trunk	132,384	137,062	-	741,515
Quebec	- Trunk	4,563,214	4,418,052	3,832,835	31,702,531
Net Delivered	- Trunk	10,081,605	9,952,143	8,235,160	65,558,683
	Total	10,178,679	10,060,973	8,626,784	66,470,658
⁺⁺ Including deliveries to U.S. pipe lines at Gretna, Man.		2,525,599	2,548,592	1,665,328	13,348,886

TABLE 5

OPERATING STATISTICS

		AUGUST 1952	JULY 1952	AUGUST ⁽⁶⁾ 1951	YEAR TO DATE 1952
Barrels Handled - Daily Average					
Gathering Systems	Barrels	155,229	151,426	151,281	128,360
Trunk Lines	"	404,204	394,291	312,108	331,288
Total Barrel Miles (Trunk Lines)	Millions	3,370	3,264	2,581	19,787
Average Miles per Barrel (Trunk Lines)	Miles	269.0	267.0	266.8	244.8
Employees and Earnings					
Average Number ⁽⁴⁾	Number	696	683	558	544
Total Salaries and Wages	\$	242,924	238,443	* 184,323	1,745,695
Man Hours Worked by Wage Earners ⁽⁵⁾	Hours	42,771	45,841	39,024	313,739

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Receipts from U.S. pipe lines at Highwater, Que.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Sarnia Products line.

* Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

AUGUST, 1952

TRAFFIC AND OPERATING STATISTICS	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC*</u>					
<u>Total Received into System</u>					
This month (August, 1952)	4,436,288	4,319,745	4,563,041	(2) 1,970,239	15,289,313
This year (8 months)	27,626,969	25,922,621	31,789,337	(5) 12,447,233	97,786,160
<u>Total Delivered out of System</u>					
This month (August, 1952)	4,446,881	4,379,649	4,563,214	(4) 1,916,236	15,307,979
This year (8 months)	27,671,444	25,974,203	31,702,531	(5) 12,306,836	97,655,013
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (August, 1952)	135,032	-	-	30,197	155,229
This year (8 months)	107,972	-	-	30,385	128,357
<u>Trunk Lines</u>					
This month (August, 1952)	68,966	141,279	147,200	46,789	404,204
This year (8 months)	56,480	106,452	129,928	38,428	331,288
<u>Total Barrel Miles</u>					
(Trunk Lines - in millions)					
This month (August, 1952)	38	2,929	335	68	3,370
This year (8 months)	344	16,764	2,336	444	19,888
<u>Average Miles per Barrel</u>					
(Trunk Lines)					
This month (August, 1952)	12.7	689.0	73.6	46.6	242.0
This year (8 months)	12.7	646.0	73.6	42.5	244.9
<u>REVENUE AND EMPLOYEES</u>					
<u>OPERATING REVENUES</u>					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six months ending June 30, 1952	1,549,965	5,944,947	785,908	800,468	9,081,288
<u>EMPLOYEES AND EARNINGS</u>					
Number of employees (August, 1952)	233	325	51	86	695
Salaries and Wages					
This month (August, 1952)	76,827	124,015	17,150	25,232	243,224
This year (8 months)	570,567	876,406	116,580	186,432	1,743,985
<u>Man Hours Worked by Wage Earners</u>					
This month (August, 1952)	30,131	2,000	2,371	7,763	42,265
This year (8 months)	327,348	3,763	23,730	68,185	423,026

* Totals include duplications between companies

- (1) Anglo-Canadian Oils, Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co., Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Socony-Vacuum Exploration Company
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

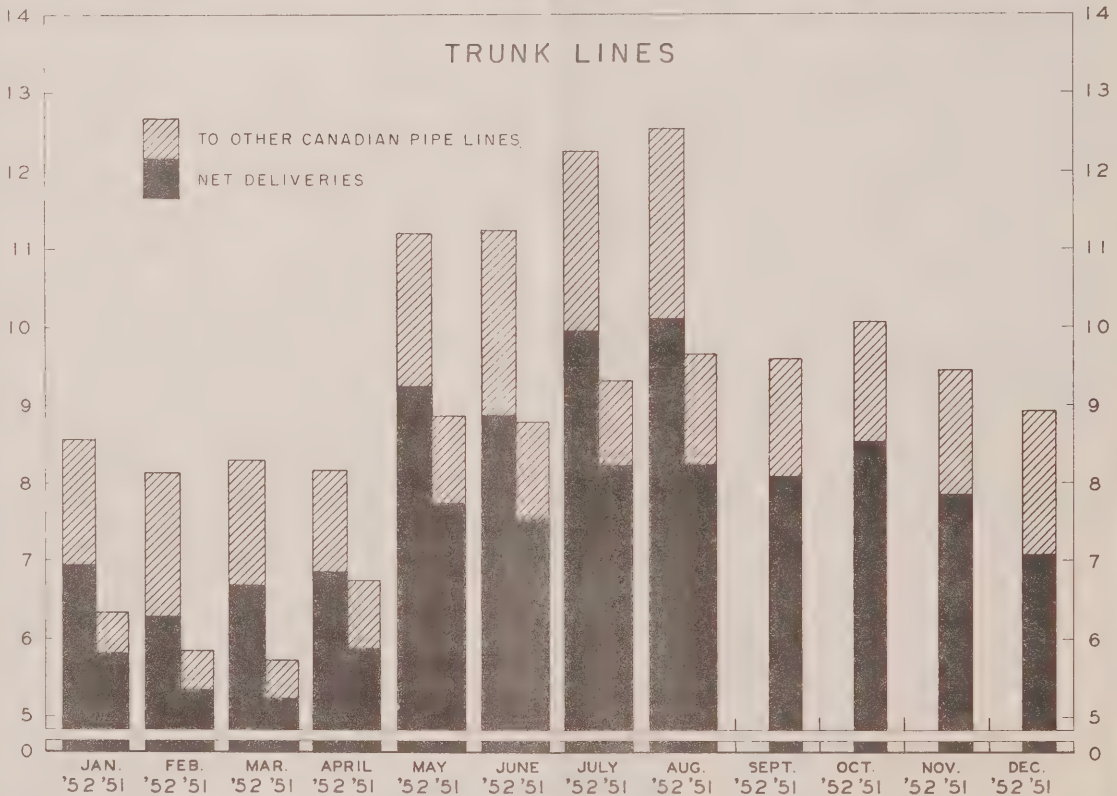
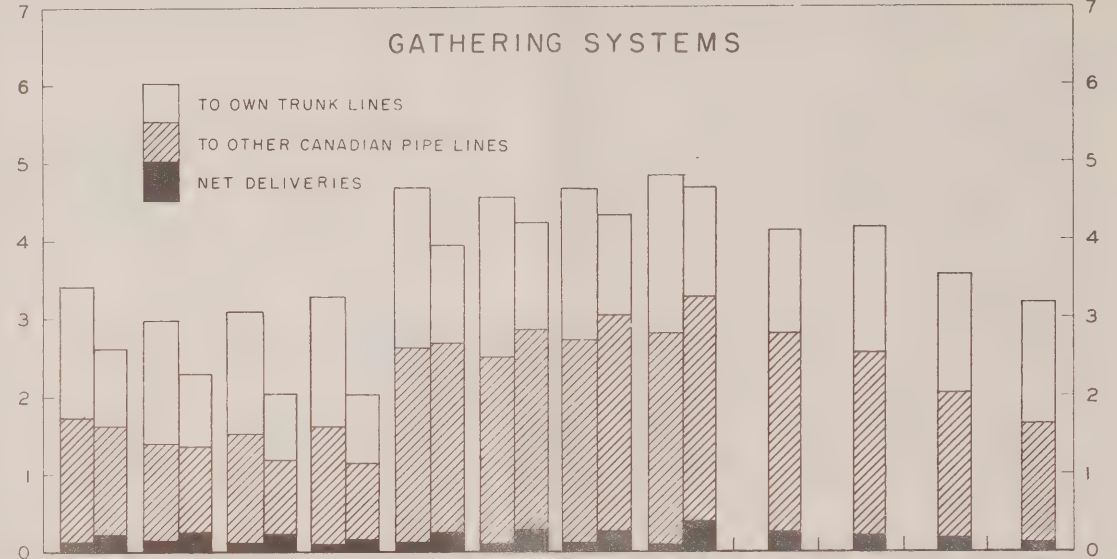
- (2) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line, Limited
 Edmonton Pipe Line Company, Limited
 Texaco Exploration Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

- (2) Includes 133,241 bbls. Products and 30,238 bbls. natural gasoline.
 (3) " 797,098 " " 300,610 " " "
 (4) " 132,384 " " 30,797 " " "
 (5) " 741,515 " " 295,361 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

MILLION
BARRELS

MILLION
BARRELS



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2

PIPE LINES (OIL) STATISTICS

8504-508

No. 9

SEPTEMBER, 1952

6-12-52

During September a net average of 315,105 barrels of oil flowed out of Canada's pipe lines each day. This represented a decline of 13,239 barrels per day or 4 p.c. from the record of 328,344 barrels daily established in August this year but a gain of 13.5 p.c. or 37,494 barrels a day over the average of 277,611 barrels delivered each day in September of 1951.

The month's deliveries were a net 9,453,157 barrels, down 725,522 from the August total of 10,178,679 but up 1,124,830 barrels over the September, 1951 movement. Trunk line traffic declined from 10,081,605 barrels in August to 9,322,098 in September. Traffic through trunk lines in September, 1951 amounted to 8,084,435 barrels. Deliveries from gathering systems were 131,059 barrels compared with 97,074 in August and 243,892 the previous September. All provinces showed increases over the net deliveries made in September a year ago. Deliveries in the several provinces were (September, 1951 figures in brackets): Alberta 1,442,855 barrels (1,202,506); Saskatchewan 1,046,607 (843,484); Manitoba 2,382,429 (2,200,612); Ontario 175,306 (Nil*) and Quebec 4,405,960 barrels (4,081,725). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin 1,769,242 (1,605,594) and delivered within the province 613,187 barrels (595,018).

September net receipts of oil for shipment by pipe line in Canada included 5,362,730 barrels of Alberta crude, 35,927 of Alberta natural gasoline, 4,396,989 barrels of imported crude and 175,378 barrels of refinery products.

Net deliveries during the first nine months show that the 1952 year-to-date total of 75,923,815 barrels is 11,521,943 barrels or 17.9 p.c. higher than the 1951 equivalent which was 64,401,872 barrels. Deliveries in each province to September 30th were (1951 data in brackets): Alberta 11,304,237 barrels (10,386,694); Saskatchewan 7,871,336 (7,267,309); Manitoba 19,722,930 (18,371,220); Ontario 916,821 (Nil*) and Quebec 36,106,491 barrels (33,376,643). The total for Manitoba included 15,118,128 barrels en route to Superior, Wisconsin principally for delivery to Ontario refineries. This movement was up 4,943,346 barrels from the total of 10,174,782 during the first nine months of 1951.

Gathering systems handled a daily average of 155,615 barrels in September, well ahead of the 137,024 moved each day in September, 1951. An average of 394,908 barrels were handled per diem by trunk lines, up 74,845 barrels a day from the corresponding month last year at 320,063. Oil transport accomplished by trunk lines in the current September totalled 2,781 million barrel miles against 2,505 million the previous September. Nine month totals were, for 1952, 22,569 million barrel miles and for 1951, 16,857 million. The average length of haul was 234.8 miles in September compared with 260.9 miles one year earlier. Average mileage travelled by oil in the first nine months of 1952 was 243.5 and in the similar period of 1951, 237.3 miles.

Earnings of 687 employees reported for September were \$242,786 while the 696 employed in August received \$242,924, and 563 persons received \$186,621 in September, 1951. Employment thus improved 22 p.c. and earnings 30 p.c. as compared with the same month of 1951.

The Montreal pipe line delivered 4,405,960 barrels during September to bring its total for nine months to 36,108,491. Imperial pipe line transported 31,962,845 barrels during the first three-quarters of 1952 and maintained its position as second largest oil carrier (by volume) in Canada. The Imperial facilities handled a daily average of 133,853 barrels in the gathering system while Montreal pipe line reported a daily 146,865 barrels in trunk lines. Interprovincial performed a traffic movement of 2,335,000,000 barrel miles in September to bring its year-to-date total to almost 19.1 billion.

- * Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of this year. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been retained in all other applicable sections of the report.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL SCIENCE

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies - during first nine months of 1952 per table 6	112,787,182
Received into Trunk Lines from Other Canadian Pipe Lines	36,216,035
"Net Received" into Canadian Pipe Line Systems	76,571,147
"Net Received" into Trunk Systems per table 1	40,612,732
"Net Received" into Gathering Systems per table 2	35,958,415
Total Delivered out of Systems - all companies - during first nine months of 1952, per table 6	112,138,374
Delivered to other Canadian Pipe Lines	36,214,559
"Net Delivered" from Canadian Pipe Line Systems	75,923,815
"Net Delivered" from Trunk Systems per table 1	74,880,781
"Net Delivered" from Gathering Systems per table 2	1,043,034

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the nine month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - SEPTEMBER, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to September 30, 1952	35,958,415	
Received into Trunk Systems January 1 to September 30, 1952	93,360,049	129,318,464
Total oil accountable for period		131,732,294
Delivered from Gathering Systems, January 1 to September 30, 1952	35,988,246	
Delivered from Trunk Systems, January 1 to September 30, 1952	92,681,410	128,669,656
Balance to be accounted for at September 30, 1952		3,062,638
Oil consumed as fuel and losses		194,011
Balance on hand - September 30, 1952		2,868,627
Total Shippers Balances - September 30, 1952	2,564,760	
Total Carriers Balances - September 30, 1952	303,867	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
September, 1951	629,324	49,995
August, 1952	386,557	47,436
September, 1952	255,314	57,977
Year to Date, 1952 (nine months) ...	5,996,478	474,478

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	September 1952	August 1952	September 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	12,368,111	12,514,884	9,738,242	93,360,049
Less: Received from other Canadian pipe lines-				
2. Own gathering system	2,032,323	2,034,450	1,315,566	16,531,282
3. Other pipe lines - Gathering	2,507,876	2,683,513	2,554,177	18,442,485
4. Trunk	2,522,122	2,448,566	1,523,291	17,773,550
5. <u>Net Received (6+7+8)</u>	5,305,790	5,348,355	4,345,208	40,612,732
6. Originating on own trunk lines	632,989	524,420	-	2,824,280
7. Received from foreign pipe line connections	4,396,989	4,563,041	4,084,789	36,186,326
8. Received from other carriers (rail & truck)	275,812	260,894	260,419	1,602,126
9. <u>Total Delivered*</u> (10+11)	11,847,256	12,530,329	9,601,901	92,681,410
10. Less: Delivered to other Canadian trunk lines	2,525,158	2,448,724	1,517,466	17,800,629
11. <u>Net Delivered (12+13+14)</u>	9,322,098	10,081,605	8,084,435	74,880,781
12. Terminated on own trunk lines	7,552,856	7,556,006	6,478,841	59,762,653
13. Delivered to foreign pipe line connections	1,769,242	2,525,599	1,605,594	15,118,128
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

+ Includes products and natural gasoline.

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	September 1952	August 1952	September 1951	Year to Date 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	4,665,234	4,808,879	4,148,285	35,958,415
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	4,665,234	4,808,879	4,148,285	35,958,415
18. Originating on own gathering system	4,654,235	4,795,658	4,135,728	35,865,078
19. Received from other carriers (rail & truck)	10,999	13,221	12,557	93,337
20. <u>Total Delivered*</u> (21+22+23)	4,668,428	4,812,100	4,110,708	35,988,246
Less: Delivered to other pipe lines-				
21. Own trunk system	2,032,323	2,034,450	1,315,566	16,531,282
22. Other pipe lines	2,505,046	2,680,576	2,551,250	18,413,930
23. <u>Net Delivered (24+25)</u>	131,059	97,074	243,892	1,043,034
24. Terminated on gathering systems	40,010	33,222	77,051	325,141
25. Delivered to other carriers (rail & truck)	91,049	63,852	166,841	717,893

* Includes duplications.

+ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,665,234	4,808,879	4,148,285	35,958,415
Trunk	733,423	652,073	260,419	3,453,930
Ontario (2) - Trunk	175,378	133,241	-	972,476
Quebec (3) - Trunk	4,396,989	4,563,041	4,084,789	36,186,326
Net Received - Trunk	5,305,790	5,348,355	4,345,208	40,612,732
Total	9,971,024	10,157,234	8,493,493	76,571,147

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	131,059	97,074	243,892	1,043,034
Trunk	1,311,796	1,219,271	958,614	10,261,203
Saskatchewan - Trunk	1,046,607	1,096,385	843,484	7,871,336
Manitoba / - Trunk	2,382,429	3,070,351	2,200,612	19,722,930
Ontario (2) - Trunk	175,306	132,384	-	916,821
Quebec - Trunk	4,405,960	4,563,214	4,081,725	36,108,491
Net Delivered - Trunk	9,322,098	10,081,605	8,084,435	74,880,781
Total	9,453,157	10,178,679	8,328,327	75,923,815
/ Including deliveries to U.S. pipe lines at Gretna, Man.	1,769,242	2,525,599	1,605,594	15,118,128

TABLE 5

OPERATING STATISTICS

	September 1 9 5 2	August 1 9 5 2	September 1 9 5 1	Year to Date 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	155,615	155,229	137,024	131,343
Trunk Lines "	394,908	404,204	320,063	338,253
Total Barrel Miles (Trunk Lines) Millions	2,781	3,370	2,505	22,569
Average Miles per Barrel (Trunk Lines) Miles	234.9	269.0	260.9	243.5
Employees and Earnings (6)				
Average Number (4) No.	687	696	563	648
Total Salaries and Wages \$	242,796	242,924	x 186,621	1,988,481
Man Hours Worked by Wage Earners (5) (6) Hours	41,812	42,771	35,194	355,551

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Receipts from U.S. pipe lines at Highwater, Que.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited, Sarnia Products Line and Socony-Vacuum Exploration Co.

x Revised.

TABLE 6 PIPE LINE STATISTICS, BY COMPANIES

SEPTEMBER, 1952

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*					
<u>Total Received into System</u>		<u>Barrels</u>			
This month (September, 1952)	4,295,298	4,151,346	4,396,989	(2) 2,157,389	15,001,022
This year (9 months)	31,922,267	30,073,967	36,186,326	(3) 14,604,622	112,787,182
<u>Total Delivered out of System</u>					
This month (September, 1952)	4,291,401	3,610,545	4,405,960	(4) 2,175,455	14,483,361
This year (9 months)	31,962,845	29,584,748	36,108,491	(5) 14,482,290	112,138,374
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (September, 1952)	133,853	-	-	21,762	155,615
This year (9 months)	110,806	-	-	20,537	131,343
<u>Trunk Lines</u>					
This month (September, 1952)	70,230	120,352	146,865	57,461	394,908
This year (9 months)	57,986	107,974	131,782	40,511	338,253
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (September, 1952)	37	2,335	324	65	2,761
This year (9 months)	281	19,099	2,669	530	22,569
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (September, 1952)	17.7	647.0	73.6	45.3	234.9
This year (9 months)	17.7	646.0	73.6	47.7	243.5

Revenue and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES					
		<u>Dollars</u>			
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six Months ending June 30, 1952	1,549,965	5,944,947	785,908	800,468	9,081,288
Nine Months ending September 30, 1952	2,573,199	10,225,594	1,243,328	1,353,732	15,396,513
EMPLOYEES AND EARNINGS					
		<u>Number</u>			
Number of employees (September, 1952)	230	319	50	88	687
		<u>Dollars</u>			
<u>Salaries and Wages</u>					
This month (September, 1952)	77,086	122,275	17,695	25,730	242,786
This year (9 months)	647,653	998,681	129,925	212,222	1,988,481
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (September, 1952)	29,346	1,329	2,970	8,167	41,812
This year (9 months)	257,294	10,092	16,809	71,356	355,551

(1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Sonony-Vacuum Exploration Co.
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

*Totals include duplications between companies.

(6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Company Limited
 Texaco Exploration Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

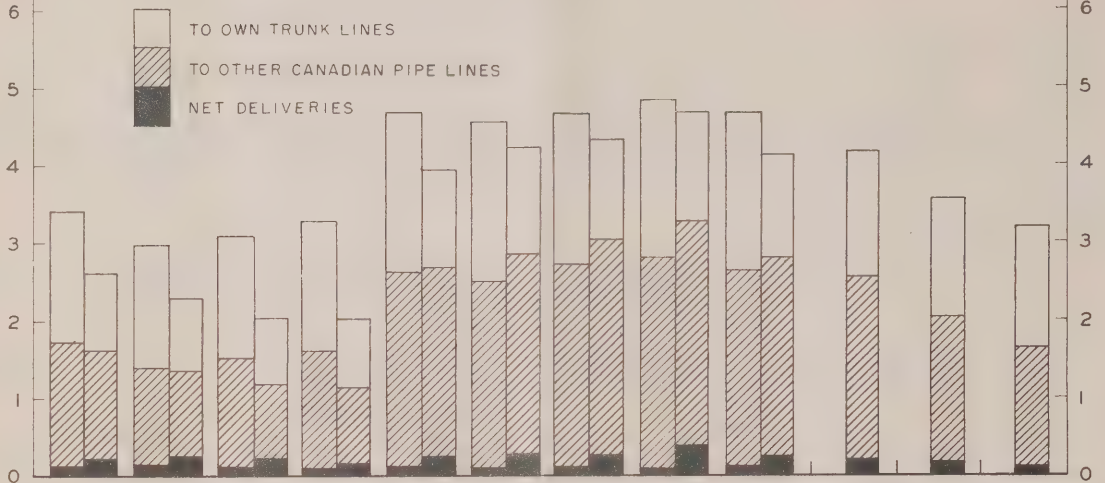
(2) Includes 175,378 bbls. products and 35,927 bbls. natural gasoline.
 (3) " 972,476 " " 336,537 " " "
 (4) " 175,306 " " 35,083 " " "
 (5) " 916,821 " " 330,444 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

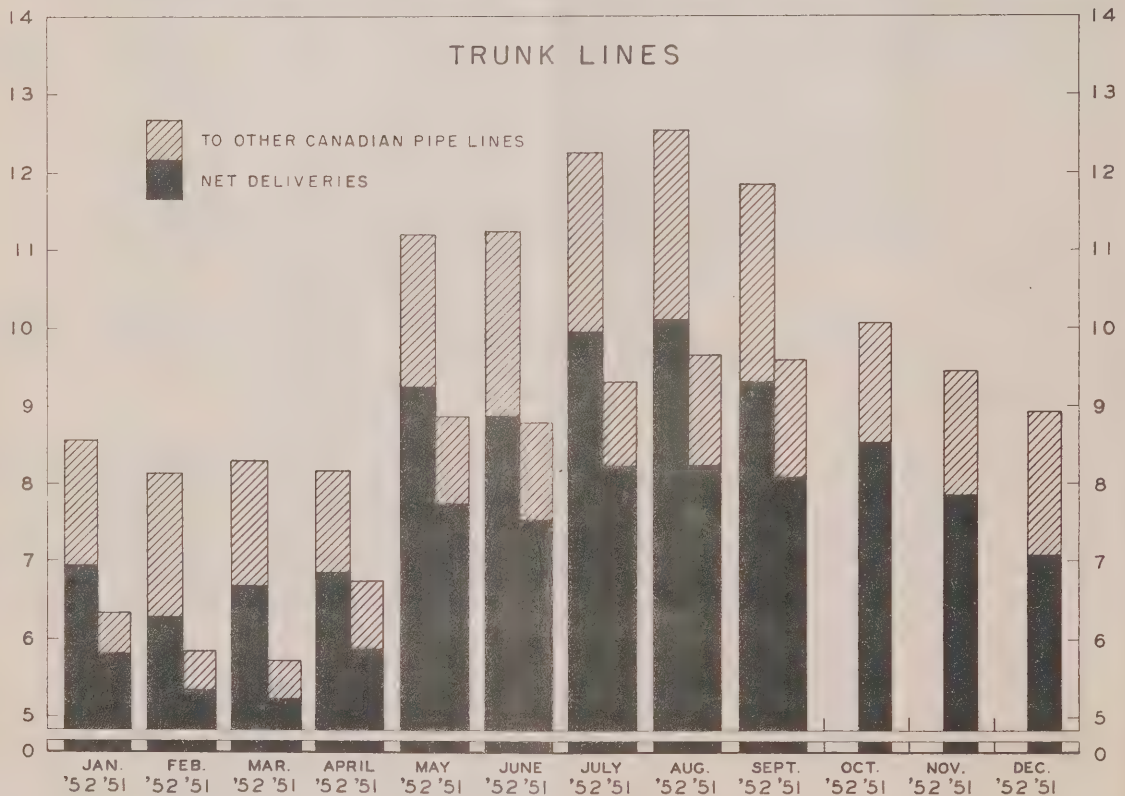
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS

TRANS. & PUB. UTILITIES DEPT. OF FINANCE
D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2
No. 10

PIPE LINES (OIL) STATISTICS

8504-508

OCTOBER, 1952

16-1-53

Average net oil pipeline deliveries soared to a new peak of 348,396 barrels daily in October. This represented a 10.6 p.c. or 33,291 barrel increase over the September figure of 315,106 barrels per day. It was also 23.6 p.c. higher than the 281,949 barrels delivered daily out of Canadian pipelines in October, 1951 and 6.1 p.c. above the previous record of 328,344 barrels a day set in August, 1952.

Total net deliveries for the month at 10,800,280 barrels were 1,347,123 greater than the September movement and 2,059,853 barrels above net deliveries made in October, 1951. Trunk line traffic again was well above the ten million barrel mark with 10,567,070 barrels delivered. This was 1,244,972 higher than September deliveries and 2,029,250 barrels more than the 8,537,820 which trunk lines delivered during October of 1951. Gathering system deliveries rose 102,151 barrels over September and 30,603 above the October, 1951 traffic. Net deliveries in all provinces were greater than those made one year earlier. Comparison of provincial totals in the two periods, 1951 data shown in brackets, is given herewith: Alberta 1,608,084 (1,279,640); Saskatchewan 1,182,367 (995,551); Manitoba 2,965,195 (2,256,859); Ontario 323,829 (Nil*) and Quebec 4,720,805 (4,208,377) barrels. Manitoba totals include 2,454,982 barrels (1,971,718) transferred to Lakehead Pipe Line Co. and 510,213 barrels (285,141) delivered within the province.

Net receipts of oil for shipment by pipe line in Canada during October included 5,514,761 barrels of Alberta crude, 43,204 of Alberta natural gasoline, 4,760,438 of imported crude and 381,699 barrels of refinery products.

Cumulative net deliveries of 86,724,095 barrels in the ten-month period to October 31 were up 13,581,796 or 18.6 p.c. over the 73,142,299 barrels delivered to the end of October last year. Provincial totals for the ten-month periods follow, with 1951 data in brackets: Alberta 12,912,321 barrels (11,666,334); Saskatchewan 9,053,703 (8,262,860); Manitoba 22,688,125 (15,628,079); Ontario 1,240,650 (Nil*) and Quebec 40,829,296 barrels (37,585,026). In the ten-month period 17,573,110 barrels (12,146,500) were delivered to the United States sector of the Interprovincial pipe line en route to the lakehead mainly for trans-shipment by lake tanker to Sarnia. These totals were included in Manitoba deliveries as shown above.

A daily average of 151,538 barrels was handled by gathering systems in October, up 16,568 from the October, 1951 average of 134,970. Trunk lines increased deliveries from an average 324,396 barrels per day in October last year to 418,667 daily in the month under review. Traffic on trunk lines represented a total of 3,359 million barrel miles in the current October compared with 2,598 million one year earlier. Totals for the periods January 1 to October 31 showed 19,455 million barrel miles in the ten months of 1951 and a sharp increase to 25,928 million in ten months of 1952. Oil moved virtually the same distance in October 1952 as in the previous October, the respective lengths of haul being 258.8 miles and 258.4 miles per barrel.

Employment data for the carriers reporting reveal that 703 persons earned \$248,290 in October 1952. These represented 26 p.c. and 33 p.c. increases respectively over the 559 employees and their earnings of \$187,301 recorded in the same month of 1951.

During the ten-month period of 1952 the Montreal pipe line delivered 40,829,296 barrels including 4,720,805 in October. The Imperial pipe line delivered an average 112,796 barrels per day in October to raise its average for the year-to-date to 130,389 barrels daily. An October average of 152,284 barrels per day handled by the Montreal line brought that company's trunk line average for the ten months to 133,867 barrels per diem. The Interprovincial pipe line performed a traffic movement of almost 2.9 billion barrel miles in October raising that firm's total for the period January 1 to October 31 to slightly under 22 billion which was almost 85 p.c. of the total for all companies of 25.9 billion barrel miles.

Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of this year. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been retained in all other applicable sections of the report.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies - during	<u>Barrels</u>
first ten months of 1952 per table 6	128,446,065
Received into Trunk Lines from Other Canadian Pipe Lines	41,174,816
"Net Received" into Canadian Pipe Line Systems	87,271,249
"Net Received" into Trunk Systems per table 1	46,620,289
"Net Received" into Gathering Systems per table 2	40,650,960
Total Delivered out of Systems - all companies - during	
first ten months of 1952, per table 6	127,893,963
Delivered to other Canadian Pipe Lines	41,169,868
"Net Delivered" from Canadian Pipe Line Systems	86,724,095
"Net Delivered" from Trunk Systems per table 1	85,447,851
"Net Delivered" from Gathering Systems per table 2	1,276,244

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the ten-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - OCTOBER, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to October 31, 1952	40,650,960	
Received into Trunk Systems January 1 to October 31, 1952	106,247,175	146,898,135
Total oil accountable for period		149,311,965
Delivered from Gathering Systems, January 1 to October 31, 1952	40,685,939	
Delivered from Trunk Systems, January 1 to October 31, 1952	105,660,094	146,346,033
Balance to be accounted for at October 31, 1952		2,965,932
Oil consumed as fuel and losses		220,948
Balance on hand - October 31, 1952		2,744,984
Total Shippers Balances - October 31, 1952	2,421,391	
Total Carriers Balances - October 31, 1952	323,593	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum Barrels	Sun Pipe Line Co. Fuel and Other Refined Oil Barrels
October, 1951	649,052	59,938
September, 1952	255,314	57,977
October, 1952	239,810	43,900
Year to Date, 1952 (ten months) ...	6,236,288	518,378

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	OCTOBER 1952	SEPTEMBER 1952	OCTOBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	12,887,126	12,368,111	9,941,718	106,247,175
Less: Received from other Canadian pipe lines-				
2. Own gathering system	1,920,788	2,032,323	1,616,791	18,452,070
3. Other pipe lines - Gathering	2,546,607	2,507,876	2,367,720	20,989,092
4. Trunk	2,412,174	2,522,122	1,531,247	20,185,724
5. Net Received (6+7+8)	6,007,557	5,305,790	4,435,960	46,620,289
6. Originating on own trunk lines	972,942	632,989	-	3,797,222
7. Received from foreign pipe line connections	4,760,488	4,396,989	4,165,164	40,946,764
8. Received from other carriers (rail & truck)	274,177	275,812	270,796	1,876,303
9. Total Delivered * (10+11)	12,978,684	11,847,256	10,066,226	105,660,094
10. Less: Delivered to other Canadian trunk lines	2,411,614	2,525,158	1,518,806	20,212,243
11. Net Delivered (12+13+14)	10,567,070	9,322,098	8,537,220	85,447,851
12. Terminated on own trunk lines	8,112,088	7,552,856	6,566,102	67,874,741
13. Delivered to foreign pipe line connections	2,454,982	1,769,242	1,971,718	17,573,110
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	OCTOBER 1952	SEPTEMBER 1952	OCTOBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	4,692,545	4,665,234	4,186,757	40,650,960
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,692,545	4,665,234	4,186,757	40,650,960
18. Originating on own gathering system	4,681,561	4,654,235	4,175,893	40,546,639
19. Received from other carriers (rail & truck)	10,984	10,999	10,864	104,321
20. Total Delivered * (21+22+23)	4,697,693	4,668,428	4,184,081	40,685,939
Less: Delivered to other pipe lines-				
21. Own trunk system	1,920,788	2,032,323	1,616,791	18,452,070
22. Other pipe lines	2,543,695	2,505,046	2,364,683	20,957,625
23. Net Delivered (24+25)	233,210	131,059	202,607	1,276,244
24. Terminated on gathering systems	289	40,010	33,908	325,430
25. Delivered to other carriers (rail & truck)	232,921	91,049	168,699	950,814

* Includes duplications.

† Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		OCTOBER 1952	SEPTEMBER 1952	OCTOBER 1951	YEAR TO DATE 1952
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	4,692,545	4,665,234	4,186,757	40,650,960
	- Trunk	865,420	733,423	270,796	4,319,350
Ontario ⁽²⁾	- Trunk	381,699	175,378	-	1,354,175
Quebec ⁽³⁾	- Trunk	4,760,438	4,396,989	4,165,164	40,946,764
Net Received	- Trunk	6,007,557	5,305,790	4,435,960	46,620,289
	Total	10,700,102	9,971,024	7,622,717	87,271,249

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

TABLE 4

Province		OCTOBER 1952	SEPTEMBER 1952	OCTOBER 1951	YEAR TO DATE 1952
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	233,210	131,059	202,607	1,276,244
	- Trunk	1,374,874	1,311,796	1,077,033	11,636,077
Saskatchewan	- Trunk	1,182,367	1,046,607	995,551	9,053,703
Manitoba ^H	- Trunk	2,965,195	2,382,429	2,256,859	22,688,125
Ontario ⁽²⁾	- Trunk	323,829	175,306	-	1,240,650
Quebec	- Trunk	4,720,805	4,405,960	4,208,377	40,829,296
Net Delivered	- Trunk	10,567,070	9,322,098	8,537,820	85,447,851
	Total	10,800,280	9,453,157	8,740,427	86,724,095
^H Including deliveries to U.S. pipe lines at Gretna, Man.		2,454,982	1,769,242	1,971,718	17,573,110

TABLE 5

OPERATING STATISTICS

		OCTOBER 1952	SEPTEMBER 1952	OCTOBER 1951	YEAR TO DATE 1952
Barrels Handled - Daily Average					
Gathering Systems	Barrels	151,538	155,615	134,970	133,397
Trunk Lines	"	418,667	394,908	324,396	346,427
Total Barrel Miles (Trunk Lines)	Millions	3,359	2,781	2,598	25,928
Average Miles per Barrel (Trunk Lines)	Miles	258.8	234.8	258.4	245.4
Employees and Earnings (5)					
Average Number (4)	Number	703	687	559	654
Total Salaries and Wages	\$	248,290	242,786	*187,301	2,236,771
Man Hours Worked by Wage Earners (5) (6)	Hours	43,207	41,812	37,447	398,758

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Receipts from U.S. pipe lines at Highwater, Que.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited, Sarnia Products Line and Socony-Vacuum Exploration Co.

* Revised.

PIPE LINE STATISTICS, BY COMPANIES

TABLE 6

OCTOBER, 1952

TRAFFIC AND OPERATING STATISTICS	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*					
<u>Total Received into System</u>		<u>Barrels</u>			
This month (October, 1952)	4,301,224	4,153,000	4,760,438	(2) 2,444,221	15,658,883
This year (10 months)	36,223,491	34,226,967	40,946,764	(3) 17,048,843	128,446,065
<u>Total Delivered out of System</u>					
This month (October, 1952)	4,304,969	4,354,191	4,720,905	(4) 2,375,624	15,755,589
This year (10 months)	36,267,814	33,938,939	40,829,296	(5) 16,867,914	127,893,963
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (October, 1952)	130,389	-	-	21,149	151,538
This year (10 months)	112,796	-	-	20,601	133,397
<u>Trunk Lines</u>					
This month (October, 1952)	63,064	140,458	152,284	62,861	418,667
This year (10 months)	58,502	111,275	133,867	43,783	346,427
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (October, 1952)	35	2,867	347	110	3,359
This year (10 months)	316	21,966	3,006	640	25,928
<u>Average Miles per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (October, 1952)	17.6	658.0	73.6	56.5	258.8
This year (10 months)	17.7	647.0	73.6	49.0	245.4

REVENUE AND EMPLOYEES	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUE			<u>Dollars</u>		
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six months ending June 30, 1952	1,549,965	5,944,947	785,908	800,468	9,081,288
Nine Months ending Sept. 30, 1952	2,573,199	10,225,594	1,243,928	1,353,792	15,396,513
EMPLOYEES AND EARNINGS			<u>Number</u>		
Number of employees (October, 1952)	288	329	56	90	703
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (October, 1952)	78,013	124,783	17,271	28,223	248,290
This year (10 months)	725,666	1,123,464	147,196	240,445	2,236,771
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (October, 1952)	30,307	1,830	2,798	8,272	43,207
This year (10 months)	287,601	11,922	19,607	79,628	398,758

- (1) Anglo-Canadian Oils, Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co., Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Socony-Vacuum Exploration Company
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

*Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
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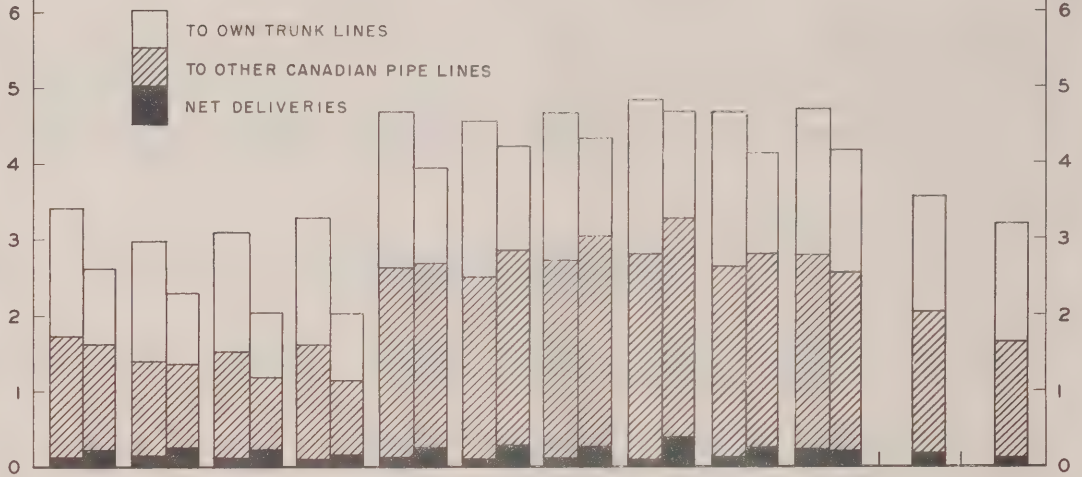
- (2) Includes 381,699 bbls. Products and 43,204 bbls. natural gasoline.
 (3) " 1,354,175 " " 379,741 " " "
 (4) " 323,829 " " 43,192 " " "
 (5) " 1,240,650 " " 373,636 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

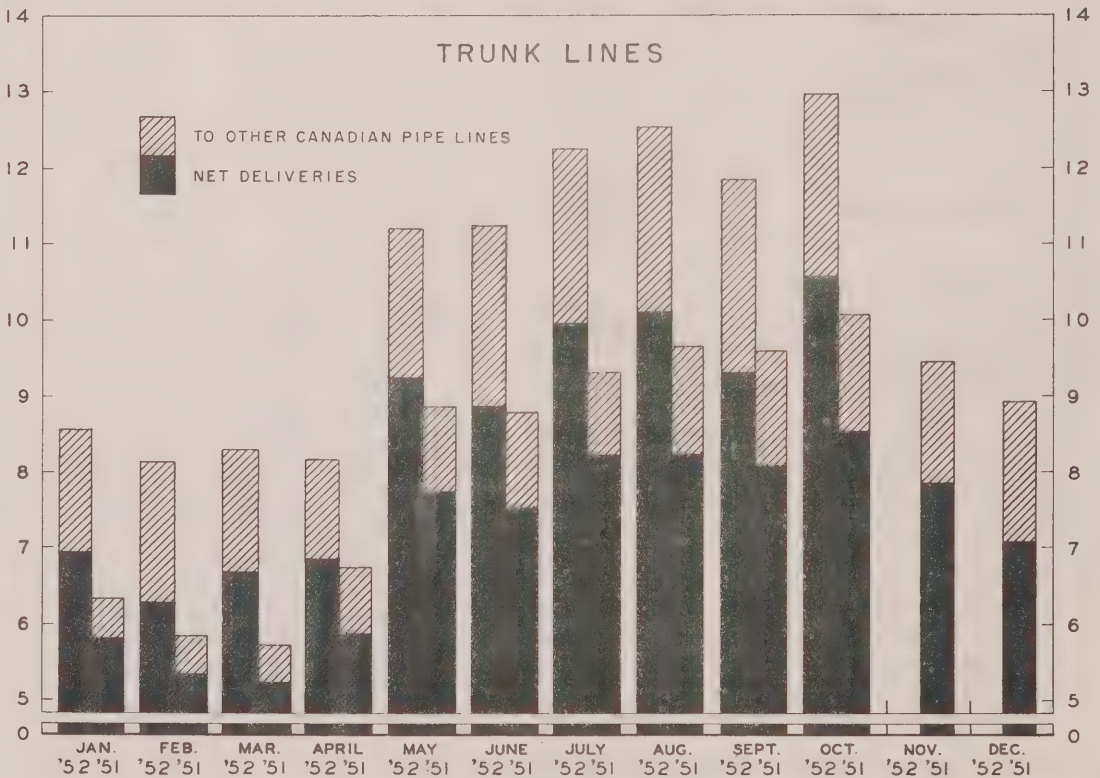
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



*CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS.

UNIV. OF TORONTO
DEPT. OF POLITICAL ECONOMY
D.B.S. MEMORANDUM

TRANS. & PUB. UTIL. FILE TRPGS FILE -P
Dominion Bureau of Statistics, Ottawa, Canada

VOL. 2
No. 11

PIPE LINES (OIL) STATISTICS

8504-508
21-2-53

NOVEMBER, 1952

A daily net average of 331,309 barrels of oil was delivered out of Canadian pipe lines during November compared with a revised 349,927 barrels in October and an average 268,274 barrels per day in November of 1951. The daily average during the recent November represented a decline of 5.3 p.c. from October but a 23.5 p.c. advance over the average volume moved each day in the previous November. The greatly increased output and delivery of domestic crude has sharply reduced Canada's dependence on foreign oils.

Net deliveries during the month totalled 10,039,263 barrels, down 808,479 from the revised October total of 10,847,742, and 1,991,031 barrels above the November, 1951 movement. Trunk line traffic totalled 9,794,425 barrels, 772,645 less than in October but 1,924,224 above trunk line deliveries in November, 1951. All provinces registered increases over combined trunk and gathering line movement in November, 1951, the comparison between the two periods being as follows (November 1951 data shown in brackets): Alberta 1,344,429 (1,245,796); Saskatchewan 972,746 (699,124); Manitoba 2,837,997 (2,007,857); Ontario 545,473 (Nil*) and Quebec 4,338,618 (4,095,455). Included in Manitoba deliveries is oil passing to the Lakehead Pipe Line Co. destined mainly for Sarnia and other Ontario ports. These deliveries amounted to 2,413,940 barrels in the current November compared with 1,511,842 during November, 1951.

Net receipts of oil for movement in the Canadian pipe lines during November included 4,998,277 barrels of Alberta crude, 42,635 barrels of Alberta natural gasoline, 4,228,527 barrels of imported crude and 784,502 barrels of refined oils, gasolines, etc. produced by Ontario and Quebec refineries for distribution through new products pipelines. During the first eleven months of 1952 a net total of 96,948,747 barrels delivered brought a 19.4 p.c. increase over the 81,190,531 barrels delivered in the corresponding period of 1951. Deliveries out of pipelines in the provinces to the end of November were (1951 data in brackets): Alberta 14,440,139 (12,912,130) barrels; Saskatchewan 10,025,449 (8,961,984); Manitoba 25,526,122 (17,635,936); Ontario 1,786,123 (Nil*) and Quebec 45,167,914 (41,680,481) barrels. Manitoba totals included 19,987,050 barrels (13,658,342) transferred to the United States sector of the Interprovincial pipe line and scheduled principally for delivery to Ontario points by lake tanker.

Gathering systems handled an average of 145,332 barrels per day during November, down some 7,737 barrels from the intake of 153,069 per day in October but well above the 118,925 received daily in November, 1951. The daily average of 407,991 barrels handled by trunk systems in the month under review showed a gain of 92,109 barrels per day over the 315,882 transported every day during November, 1951. The average length of haul by trunk lines in November 1952 was 258.7 miles and the traffic movement totalled 3,166 million barrel miles. Trunk movement in the previous November totalled 2,266 million barrel miles, some 900 M.B.M. lower than in the month under review while average haul or distance moved per barrel at 239.1 miles was almost 20 miles less. Traffic movement in the first eleven months of this year passed the 29 billion barrel miles mark while the movement to November 30th, 1951 was some 21.7 billion. Average haul of oil in the first eleven months of 1952 was 246.8 miles compared with 239.8 miles in the same period of last year.

Persons employed in November numbered 899 and earned \$332,519 while the 562 persons employed in November, 1951 had earnings of \$183,941. Wage earners worked 47,487 hours in November versus 32,166 hours one year earlier. Employment and earnings improved sharply due to new companies operating and increased overtime worked.

In the eleven-month period to November 30 the Montreal pipe line delivered 45,167,914 barrels including 4,338,618 during the month under review. Imperial Pipe Line Co. handled a daily average of 125,405 barrels in its gathering system during November raising the daily average for that system to 113,925 barrels per day in the eleven months. Montreal Pipe Line Co. handled 144,621 barrels per day in its trunk lines bringing the average during the January 1 to November 30 period to 134,830 barrels daily. Traffic movement performed by Interprovincial Pipe Line in November totalled over 2.6 billion barrel miles increasing the eleven-month total for the company's transport activities to over 24.6 billion or over 84 p.c. of the total for all companies which was 29.1 billion barrel miles. This report includes initial reports from the following companies: Canadian Gulf Oil Co. and Canadian Gulf Pipe Line Co. operating in Alberta; Saskatoon Pipe Line Co. with operations in Saskatchewan and Trans-Northern Pipe Line Co. which transports products from Montreal refineries to a number of Ontario distributing points.

*Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba and that of the Socony-Vacuum Exploration Co. in Alberta have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report.

Price per year \$1.00

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies - during first eleven months of 1952 per table 6	<u>Barrels</u> 143,219,314
Received into Trunk Lines from Other Canadian Pipe Lines	45,707,250
"Net Received" into Canadian Pipe Line Systems	97,512,064
"Net Received" into trunk Systems per table 1	52,290,798
"Net Received" into Gathering Systems per table 2	45,221,266
Total Delivered out of Systems - all companies - during first eleven months of 1952, per table 6	142,637,465
Delivered to other Canadian Pipe Lines	45,690,718
"Net Delivered" from Canadian Pipe Line Systems	96,946,747
"Net Delivered" from Trunk Systems per table 1	95,242,276
"Net Delivered" from Gathering Systems per table 2	1,704,471

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the eleven-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - NOVEMBER, 1952

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balance - January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to November 30, 1952	45,221,266	
Received into Trunk Systems January 1 to November 30, 1952	118,489,710	163,710,976
Total oil accountable for period		166,124,806
Delivered from Gathering Systems, January 1 to November 30, 1952	45,229,300	
Delivered from Trunk Systems, January 1 to November 30, 1952	117,899,827	163,129,127
Balance to be accounted for at November 30, 1952		2,995,679
Oil consumed as fuel and losses		257,839
Balance on hand - November 30, 1952		2,737,840
Total Shippers Balances - November 30, 1952	2,518,484	
Total Carriers Balances - November 30, 1952	219,356	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
November, 1951	635,950	55,190
October, 1952	239,810	43,900
November, 1952	260,256	35,862
Year to Date, 1952 (eleven months) ..	6,496,544	554,240

TABLE 1

OIL⁺ CARRIED BY PIPE LINES - TRUNK

	NOVEMBER 1952	OCTOBER 1952	NOVEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	12,242,535	12,887,126	9,293,883	118,489,710
Less: Received from other Canadian pipe lines -				
2. Own gathering system	2,039,592	1,920,788	1,541,168	20,491,662
3. Other pipe lines - Gathering	2,077,802	2,546,607	1,850,880	23,066,894
4. Trunk	2,454,632	2,412,174	1,628,463	22,640,356
5. <u>Net Received</u> (6+7+8)	5,670,509	6,007,557	4,273,372	52,290,798
6. Originating on own trunk lines	1,428,888	972,942	-	5,226,110
7. Received from foreign pipe line connections	4,228,527	4,760,438	4,057,309	45,175,291
8. Received from other carriers (rail & truck)	13,094	274,177	216,063	1,889,397
9. <u>Total Delivered</u> * (10+11)	12,239,733	12,978,684	9,474,665	117,899,827
10. Less: Delivered to other Canadian trunk lines	2,445,308	2,411,614	1,604,464	22,657,551
11. <u>Net Delivered</u> (12+13+14)	9,794,425	10,567,070	7,870,201	95,242,276
12. Terminated on own trunk lines	7,380,485	8,112,088	6,358,359	75,255,226
13. Delivered to foreign pipe line connections	2,413,940	2,454,982	1,511,842	19,987,050
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

+ Includes products and natural gasoline.

TABLE 2

OIL⁺ CARRIED BY PIPE LINES - GATHERING

	NOVEMBER 1952	x OCTOBER 1952	NOVEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,383,432	4,740,125	3,555,152	45,221,266
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	4,383,432	4,740,125	3,555,152	45,221,266
18. Originating on own gathering system	4,170,671	4,729,141	3,550,264	44,904,184
19. Received from other carriers (rail & truck)	212,761	10,984	4,888	317,082
20. <u>Total Delivered</u> * (21+22+23)	4,359,972	4,745,155	3,567,758	45,229,300
Less: Delivered to other pipe lines-				
21. Own Trunk system	2,039,592	1,920,788	1,541,168	20,491,662
22. Other pipe lines	2,075,542	2,543,695	1,848,559	23,033,167
23. <u>Net Delivered</u> (24+25)	244,838	280,672	178,031	1,704,471
24. Terminated on gathering systems	387	289	34,280	325,817
25. Delivered to other carriers (rail & truck)	244,451	280,383	143,751	1,378,654

* Includes duplications.

+ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	NOVEMBER 1 9 5 2	x OCTOBER 1 9 5 2	NOVEMBER 1 9 5 1	YEAR TO DATE 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,383,432	4,740,125	3,555,152	45,221,266
- Trunk	657,480	865,420	216,063	4,976,830
Ontario (2) - Trunk	508,014	381,699	-	1,862,189
Quebec (3) - Trunk	4,505,015	4,760,438	4,057,309	45,451,779
Net Received - Trunk	5,670,509	6,007,557	4,273,372	52,290,798
Total	10,053,941	10,747,682	7,828,524	97,512,064

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	NOVEMBER 1 9 5 2	x OCTOBER 1 9 5 2	NOVEMBER 1 9 5 1	YEAR TO DATE 1 9 5 2
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	244,838	280,672	178,031	1,704,471
- Trunk	1,099,591	1,374,874	1,067,765	12,735,668
Saskatchewan - Trunk	972,746	1,182,367	699,124	10,026,449
Manitoba / - Trunk	2,837,997	2,965,195	2,007,857	25,526,122
Ontario (2) - Trunk	545,473	323,829	-	1,786,123
Quebec - Trunk	4,338,618	4,720,805	4,095,455	45,167,914
Net Delivered - Trunk	9,794,425	10,567,070	7,870,201	95,242,276
Total	10,039,263	10,847,742	8,048,232	96,946,747
/ Including deliveries to U.S. pipe lines at Gretna, Man.	2,413,940	2,454,982	1,511,842	19,987,050

TABLE 5

OPERATING STATISTICS

	NOVEMBER 1 9 5 2	x OCTOBER 1 9 5 2	NOVEMBER 1 9 5 1	YEAR TO DATE 1 9 5 2
Barrels Handled - Daily Average				
Gathering Systems Barrels	145,332	153,069	118,925	135,013
Trunk Lines "	407,991	418,667	315,822	351,940
Total Barrel Miles (Trunk Lines) Millions	3,166	3,362	2,266	29,097
Average Miles per Barrel (Trunk Lines) Miles	258.7	258.8	239.1	246.8
Employees and Earnings (6)				
Average Number (4) No.	899	707	562	679
Total Salaries and Wages \$	332,519	248,712	183,941	2,571,511
Man Hours Worked by Wages Earners (5) (6) Hours	47,487	43,464	32,166	447,617

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited, Sarnia Products Line and Socony-Vacuum Exploration Co.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

NOVEMBER, 1952

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC *					
<u>Total Received into System</u>					
This month (November, 1952)	3,762,507	3,842,014	4,228,527	(2) 2,753,327	14,586,375
This year (11 months)	39,985,998	38,068,981	45,175,291	(3) 19,989,044	143,219,314
<u>Total Delivered out of System</u>					
This month (November, 1952)	3,762,137	3,973,127	4,338,618	(4) 2,486,231	14,560,113
This year (11 months)	40,029,951	37,912,066	45,167,914	(5) 19,527,534	142,637,465
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (November, 1952)	125,405	-	-	19,927	145,332
This year (11 months)	113,925	-	-	21,088	135,013
<u>Trunk Lines</u>					
This month (November, 1952)	61,379	132,438	144,621	69,553	407,991
This year (11 months)	58,760	113,170	134,830	45,180	351,940
<u>Total Barrel Miles</u>					
(Trunk Lines - in millions)					
This month (November, 1952)	33	2,647	319	167	3,166
This year (11 months)	349	24,613	3,326	809	29,097
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (November, 1952)	17.8	666.0	73.6	80.6	258.7
This year (11 months)	17.7	649.0	73.6	53.5	246.8

Revenue and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six Months ending June 30, 1952	1,549,965	5,944,947	785,908	x 804,291	x 9,085,111
Nine Months ending September 30, 1952	2,573,199	10,225,594	1,243,928	x 1,364,862	x 15,407,583
EMPLOYEES AND EARNINGS					
Number of employees (November, 1952)	223	316	51	309	899
<u>Salaries and Wages</u>					
This month (November, 1952)	73,247	119,053	16,621	123,598	332,519
This year (11 months)	798,913	1,242,517	163,817	366,264	2,571,511
<u>Man Hours Worked by Wage Earners</u>					
This month (November, 1952)	27,780	726	2,150	16,831	47,487
This year (11 months)	315,381	12,648	21,757	97,831	447,617

- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Socony-Vacuum Exploration Co.
 Texaco Exploration Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Saskatoon Pipe Line Company
 Trans-Northern Pipe Line Company.

- (2) Includes 784,502 bbls. products and 42,635 bbls. natural gasoline.
 (3) " 2,138,677 " " 422,376 " " "
 (4) " 545,473 " " 40,379 " " "
 (5) " 1,786,123 " " 414,015 " " "

* Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Edmonton Pipe Line Company Limited
 Texaco Exploration Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Saskatoon Pipe Line Company
 Trans-Northern Pipe Line Company.

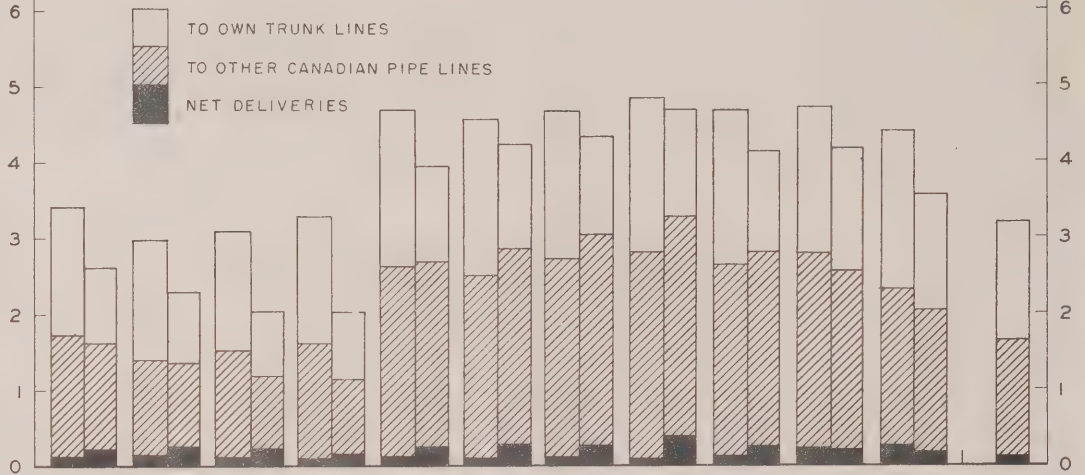
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MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

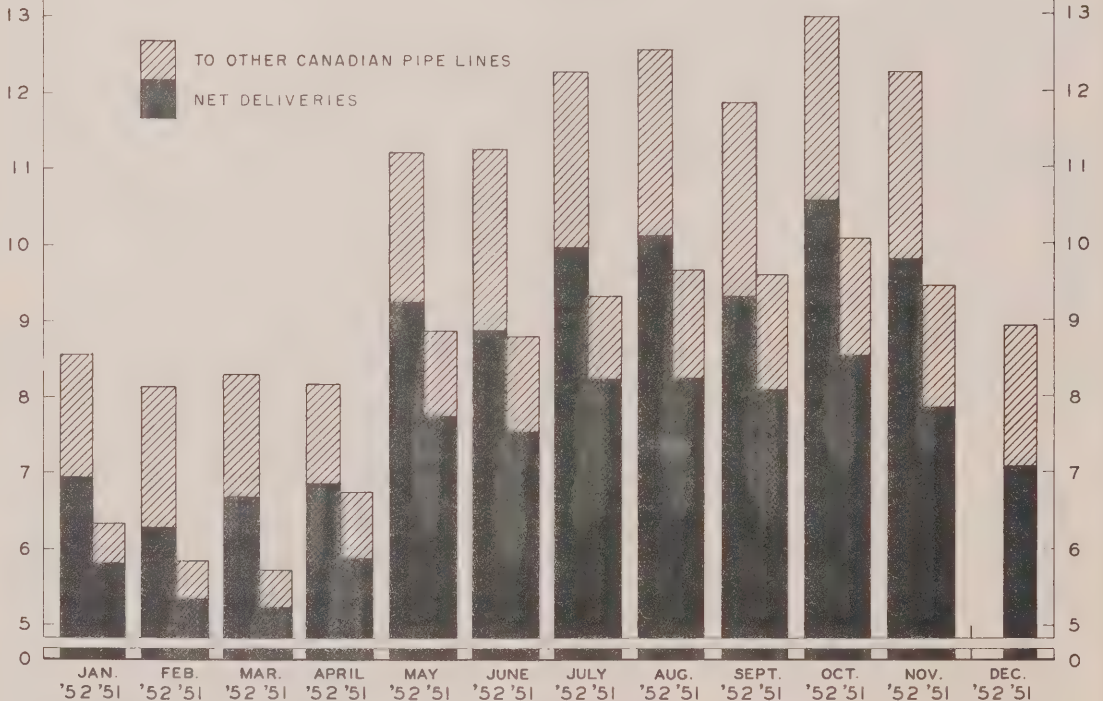
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL.2
NO. 12.UNIVERSITY
PIPE LINES (OIL) STATISTICS DEPT. OF POLITICAL ECONOMY
DECEMBER, 19528504-608
7-4-53.

The December movement of oil through Canadian pipe lines established a new record of 349,965 barrels delivered daily. This new peak was mainly due to the oil movement of three companies who reported their first complete month's operations in December. These companies were, Canadian Gulf Pipe Line Co., Saskatoon Pipe Line Co. Ltd., and Trans-Northern Pipe Line Co. In addition a sustained high level of operations by the Western pipe lines and a near-record movement by Montreal Pipe Line Co. Ltd. contributed to the new high for deliveries. The 349,965 barrels per day in December was 4.6 p.c. above the 334,642 daily in November and 50.5 p.c. higher than the 232,493 barrels delivered each day in December of 1951.

A net 10,848,921 barrels flowed out of the pipe lines during the month. This was 809,658 barrels higher than the November total of 10,039,263 and 3,641,652 barrels or over 50 p.c. above the 7,207,269 moved in December 1951. Trunk line traffic rose from 9,794,425 barrels in November to 10,549,046 in December. Traffic through trunk lines in December, 1951 had totalled 7,081,428 barrels. Gathering system deliveries were 299,875 barrels compared with 244,838 in November and 125,841 during the previous December. All provinces registered increases over the net movement in December, 1951. Deliveries in the several provinces were (December, 1951 figures in brackets): Alberta 1,613,618 barrels (969,209); Saskatchewan 1,138,443 (820,714); Manitoba 2,104,192 (1,452,790); Ontario 1,307,821 (Nil ★) and Quebec 4,684,847 (3,964,566) barrels. Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin and thence mainly to Ontario refineries by lake tanker 1,533,714 (867,413) and delivered within the province 570,478 barrels (585,377).

December net receipts of oil for shipment by pipe line in Canada included 5,224,771 barrels of Alberta crude, 48,694 of Alberta natural gasoline, 22,714 of Manitoba crude, 4,685,971 of imported crude and 1,324,474 barrels of refinery products. The petroleum products carried were produced by Ontario and Quebec refineries from both domestic and foreign crudes and were destined mainly for consumption in Ontario.

Net deliveries show that the 1952 total of 107,795,668 barrels is 19,371,161 barrels or 21.9 p.c. higher than the 1951 total of 88,424,507. Deliveries in each province during 1952 were (1951 comparisons in brackets): Alberta 16,053,757 barrels (13,908,046); Saskatchewan 11,164,892 (9,782,698); Manitoba 27,630,314 (19,088,726) Ontario 3,093,944 (Nil ★) and Quebec 49,852,761 barrels (45,645,037). The total for Manitoba included 21,520,764 barrels en route to Superior, Wisconsin, principally for delivery to Ontario refineries. This movement was up 6,996,009 barrels or 48.2 p.c. from the total of 14,525,755 in 1951.

Gathering systems handled a daily average of 148,437 barrels in December, far ahead of the 100,894 moved each day in December, 1951. An average of 426,441 barrels were handled per diem by trunk lines, up 140,177 barrels a day from the 286,264 daily the previous December. Oil transport accomplished by trunk lines in December, 1952, as measured by distance moved totalled 2,883 million barrel miles against 1,894 million one year earlier. The annual total for 1952 was 31,978 million barrel miles, a gain of 35.4 p.c. over 1951 at 23,616 million. The average length of haul in December was 218.1 miles and for the whole of 1952, 245.9 miles. These mileages compare with 212.2 per barrel in December, 1951 and 237.4 miles per barrel during the year 1951.

Earnings of 905 employees reported for December were \$361,513 while the 899 employed in November received \$332,519 and 592 persons had earnings of \$201,290 in December of 1951. Employment thus increased 52.9 p.c. and earnings 79.6 p.c. as compared with the same month of 1951.

The Montreal Pipe Line delivered 4,684,847 barrels during December to bring its total for the year to 49,852,761. Imperial Pipe Line transported 43,871,725 barrels in 1952, being the second largest oil carrier (by volume) in Canada. The Imperial facilities handled a daily average of 114,772 barrels in gathering system during 1952, while the Montreal line reported a daily 136,210 barrels in trunk lines. The Interprovincial Pipe Line performed a traffic movement of 2,127,000,000 barrel miles in December thus bringing its total for the year to some 26,740,000,000.

x In November Canadian Gulf Pipe Line Co. purchased the gathering system of Socony-Vacuum Exploration Co. as an adjunct to Canadian Gulf's new trunk line to Edmonton.

z Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Revised.

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed these in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	BARRELS
Total Received into Systems - all companies - during twelve months of 1952 per table 6	159,242,307
Received into Trunk Lines from Other Canadian Pipe Lines	50,423,619
"Net Received" into Canadian Pipe Line Systems.....	108,818,688
"Net Received" into Trunk Systems per table 1	59,016,875
"Net Received" into Gathering Systems per table 2	49,801,813
Total Delivered out of Systems - all companies - during twelve months of 1952, per table 6	158,195,902
Delivered to other Canadian Pipe Lines	50,400,234
"Net Delivered" from Canadian Pipe Line Systems	107,795,668
"Net Delivered" from Trunk Systems per table 1	105,791,322
"Net Delivered" from Gathering Systems per table 2	2,004,346

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the twelve-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - DECEMBER, 1952

	Barrels	Barrels
Total Shippers Balances - January 1, 1952	2,080,246	
Total Carriers Balances- January 1, 1952	333,584	2,413,830
Received into Gathering Systems January 1 to December 31, 1952	49,801,813	
Received into Trunk Systems January 1 to December 31, 1952	132,194,928	181,996,741
Total oil accountable for period		184,410,571
Delivered from Gathering Systems, January 1 to December 31, 1952	49,830,852	
Delivered from Trunk Systems, January 1 to December 31, 1952	131,119,484	180,950,336
Balance to be accounted for at December 31, 1952		3,460,235
Oil consumed as fuel and losses		287,305
Balance on hand - December 31, 1952		3,172,930
Total Shippers Balances - December 31, 1952	2,999,353	
Total Carriers Balances - December 31, 1952	173,577	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum Barrels	Sm Pipe Line Co. Fuel and Other Refined Oil Barrels
December, 1951	656,839	51,230
November, 1952	260,256	35,862
December, 1952	944,655	49,419
Year to Date, 1952 (twelve months)..	7,441,199	603,659

TABLE 1

OIL [/]CARRIED BY PIPE LINES - TRUNK

	DECEMBER 1952	^x NOVEMBER 1952	DECEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	13,705,044	12,242,709	9,042,546	132,194,928
Less : Received from other Canadian pipe lines-				
2. Own gathering system	2,262,772	2,039,592	1,536,119	22,754,434
3. Other pipe lines - Gathering	2,041,120	2,077,802	1,552,297	25,108,014
4. Trunk	2,675,075	2,454,806	1,829,117	25,315,605
5. Net Received (6+7+8)	6,726,077	5,670,509	4,125,013	59,016,876
6. Originating on own trunk lines	2,017,392	1,428,888	-	7,243,502
7. Received from foreign pipe line connections	4,685,971	4,228,527	3,975,965	49,861,262
8. Received from other carriers (rail & truck)	22,714	13,094	149,048	1,912,111
9. <u>Total Delivered</u> * (10+11)	13,219,657	12,239,733	8,923,559	131,119,484
10. Less: Delivered to other Canadian trunk lines	2,670,611	2,445,308	1,842,131	25,328,162
11. Net Delivered (12+13+14)	10,549,046	9,794,425	7,081,428	105,791,322
12. Terminated on own trunk lines	9,015,332	7,380,486	6,214,015	84,270,558
13. Delivered to foreign pipe line connections	1,533,714	2,413,940	867,413	21,520,764
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications

[/] Includes products and natural gasoline

^x Revised.

TABLE 2

OIL [/]CARRIED BY PIPE LINES - GATHERING

	DECEMBER 1952	NOVEMBER 1952	^x DECEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	4,580,547	4,383,432	3,215,791	49,801,813
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,580,547	4,383,432	3,215,791	49,801,813
18. Originating on own gathering system	4,438,904	4,170,671	3,210,433	49,343,088
19. Received from other carriers (rail & truck)	141,643	212,761	5,358	458,725
20. <u>Total Delivered</u> * (21+22+23)	4,601,552	4,359,972	3,212,160	49,830,862
Less : Delivered to other pipe lines -				
21. Own trunk system	2,262,772	2,039,592	1,536,119	22,754,434
22. Other pipe lines	2,038,905	2,075,542	1,550,200	25,072,072
23. Net Delivered (24+25)	299,875	244,838	125,841	2,004,346
24. Terminated on gathering systems	37,192	387	36,088	363,009
25. Delivered to other carriers (rail & truck)	262,683	244,451	89,753	1,641,337

* Includes duplications.

[/] Includes natural gasoline.

^x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	DECEMBER 1952	^x NOVEMBER 1952	^x DECEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾ - Gathering	4,580,547	4,383,432	3,215,791	49,801,813
- Trunk	692,918	644,386	149,048	5,645,395
Manitoba - Trunk	22,714	13,094	-	47,067
Ontario ⁽²⁾ - Trunk	846,250	508,014	-	2,708,439
Quebec ⁽³⁾ - Trunk	5,164,195	4,505,015	3,975,965	50,615,974
Net Received - Trunk	6,726,077	5,670,509	4,125,013	59,018,875
Total	11,306,624	10,053,941	7,340,804	108,818,688

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED

TABLE 4

OR WERE TRANSFERRED TO OTHER CARRIERS

Province	DECEMBER 1952	NOVEMBER 1952	^x DECEMBER 1951	YEAR TO DATE 1952
	Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾ - Gathering	299,875	244,838	125,841	2,004,346
- Trunk	1,313,743	1,099,591	843,368	14,049,411
Saskatchewan-Trunk	1,138,443	972,746	820,714	11,164,892
Manitoba // - Trunk	2,104,192	2,837,997	1,452,790	27,630,314
Ontario ⁽²⁾ - Trunk	1,307,821	545,473	-	3,093,944
Quebec - Trunk	4,684,847	4,338,618	3,964,556	49,852,761
Net Delivered - Trunk	10,549,046	9,794,425	7,081,428	105,791,322
Total	10,848,921	10,039,263	7,207,269	107,795,668
// Including deliveries to U.S. pipe lines at Gretna, Man.	1,533,714	2,413,940	867,413	21,520,764

TABLE 5

OPERATING STATISTICS

	DECEMBER 1952	NOVEMBER 1952	^x DECEMBER 1951	YEAR TO DATE 1952
Barrels Handled - Daily Average				
Gathering Systems Barrels	148,437	145,332	100,894	134,838
Trunk Lines "	426,441	407,991	286,264	358,250
Total Barrel Miles (Trunk Lines) Millions	2,883	3,166	1,894	31,978
Average Miles per Barrel (Trunk Lines) Miles	218.1	258.7	212.2	243.9
Employees and Earnings ⁽⁶⁾				
Average Number ⁽⁴⁾ Number	905	899	592	697
Total Salaries and Wages \$	361,513	332,519	201,290	2,933,024
Man Hours worked by Wage Earners ⁽⁵⁾ ⁽⁶⁾ Hours	50,478	47,487	33,113	498,095

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Receipts from U.S. pipe lines at Highwater, Que.

(4) Includes salaried employees.

(5) Includes overtime

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

^x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

DECEMBER, 1952

TRAFFIC AND OPERATING STATISTICS	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC ★					
<u>Total Received into System</u>					
This month (December, 1952)	3,843,582	3,750,828	4,685,971	(2) 3,742,438	16,022,819
This year (12 months)	43,829,580	41,819,809	49,861,262	(3) 23,731,656	159,242,307
<u>Total Delivered out of System</u>					
This month (December, 1952)	3,841,774	3,369,091	4,684,847	(4) 3,662,726	15,558,437
This year (12 months)	43,871,725	41,281,157	49,852,761	(5) 23,190,259	158,195,902
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (December, 1952)	123,928	-	-	24,509	148,437
This year (12 months)	114,772	-	-	20,066	134,838
<u>Trunk Lines</u>					
This month (December, 1952)	61,616	108,680	151,124	105,021	426,441
This year (12 months)	59,002	112,790	136,210	50,248	358,250
<u>Total Barrel Miles</u>					
(Trunk Lines - in millions)					
This month (December, 1952)	34	2,127	344	378	2,883
This year (12 months)	383	26,740	3,670	1,185	31,978
<u>Average Miles per Barrel</u>					
(Trunk Lines)					
This month (December, 1952)	17.7	631.0	73.6	116.1	218.1
This year (12 months)	17.7	648.0	73.6	64.4	243.9

REVENUE AND EMPLOYEES	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES					
Three Months ending March 31, 1952	651,976	2,308,982	381,109	386,539	3,728,606
Six months ending June 30, 1952	1,549,965	5,944,947	785,908	804,291	9,085,111
Nine Months ending Sept. 30, 1952	2,573,199	10,225,594	1,243,928	1,364,862	15,407,583
Twelve Months ending Dec. 31, 1952	3,497,283	13,922,689	1,674,820	2,176,216	21,271,008
EMPLOYEES AND EARNINGS					
Number of employees (December, 1952)	221	322	39	323	905
<u>Salaries and Wages</u>					
This Month (December, 1952)	75,939	131,058	18,293	136,223	361,513
This Year (12 months)	874,852	1,373,575	182,110	502,487	2,933,024
<u>Man Hours Worked by Wage Earners</u>					
This month (December, 1952)	29,064	1,346	1,260	18,808	50,478
This year (12 months)	344,445	13,994	23,018	116,638	498,095

- (1) Anglo-Canadian Oils, Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Co.
 Canadian Gulf Pipe Line Co.
 Edmonton Pipe Line Co., Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Co. Ltd.
 Texaco Exploration Company
 Trans-Northern Pipe Line Co.
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

★ Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line, Limited
 Canadian Gulf Oil Co.
 Canadian Gulf Pipe Line Co.
 Edmonton Pipe Line Company, Limited
 Saskatoon Pipe Line Co. Ltd.
 Texaco Exploration Company.
 Trans-Northern Pipe Line Co.
 Valley Pipe Line Company, Limited.
 Winnipeg Pipe Line Company, Limited.

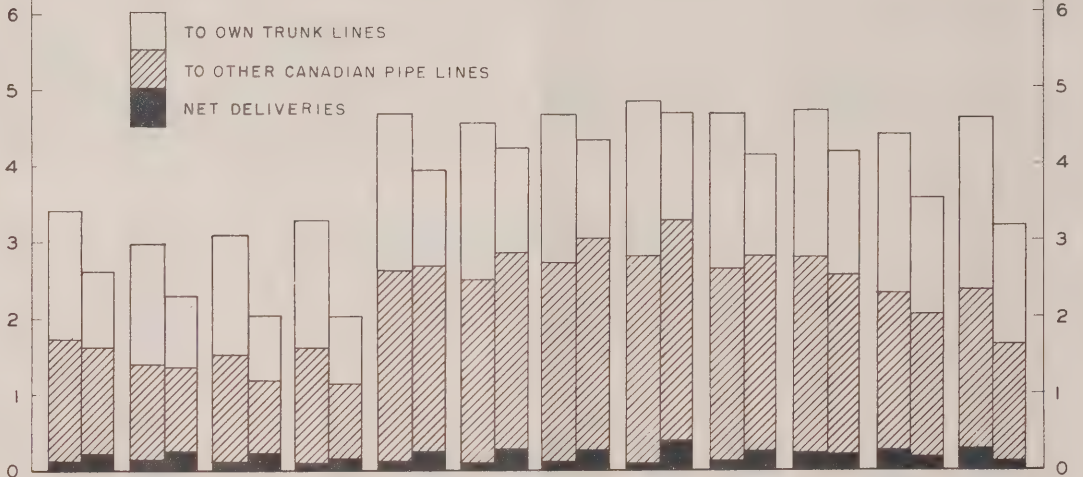
- (2) Includes 1,324,474 bbls. Products and 48,694 bbls. natural gasoline.
 (3) " 3,463,151 " " " 471,070 " " "
 (4) " 1,307,821 " " " 53,553 " " "
 (5) " 3,093,944 " " " 467,568 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1951 AND 1952

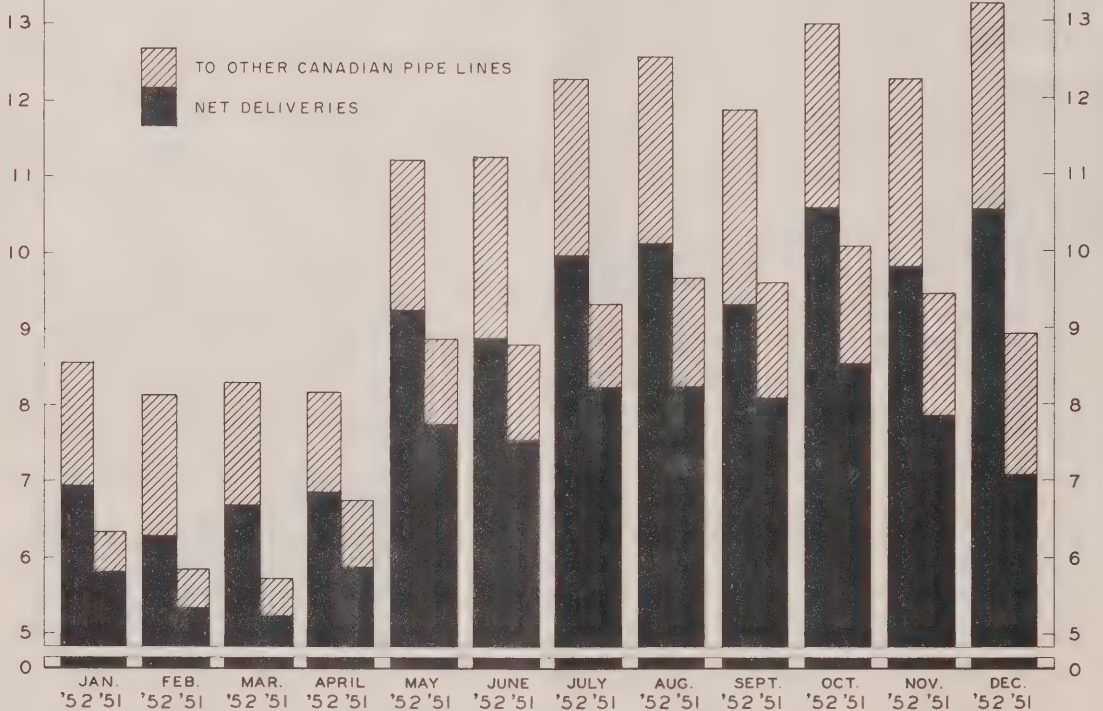
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* CRUDE PLUS SOME NATURAL GASOLINE AND PRODUCTS

TRANS. & PUB. UTILITIES DIVISION FILE 34
UNIVERSITY
DEPT. OF
D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3

NO. 1

PIPE LINES (OIL) STATISTICS

8504-508

JANUARY, 1953

25 -4-53

Average oil pipe line deliveries in January were a net total of 345,935 barrels daily, down 4,030 barrels or 1.2 p.c. from the 349,965 per day in December, 1952 but up 51.8 p.c. or 118,042 barrels over the 227,893 per day delivered during January, 1952.

Total net deliveries for the month at 10,723,984 were 124,937 less than the December movement and 3,659,294 barrels greater than net deliveries made in the preceding January. Commencing with the current issue the Imperial Pipe Line Company report their operations in Alberta as a gathering system only. For this reason Alberta gathering and trunk deliveries for January, 1953 are not strictly comparable with those shown in previous reports.

Net deliveries in all provinces during January this year were well above those made one year earlier. Comparison of the several provincial totals in the two periods follows (1952 data in brackets): Alberta 1,589,024 barrels (1,290,086); Saskatchewan 1,220,876 (812,081); Manitoba 1,681,920 (1,293,544); Ontario 1,515,229 (Nil*) and Quebec 4,716,935 barrels (3,668,979). Manitoba totals include 1,191,468 barrels (776,107) transferred to Lakehead Pipe Line Co. at Gretna and 490,452 barrels (517,437) delivered within the province.

Net receipts of oil for shipment by pipe line in Canada during January included 4,691,612 barrels of Alberta crude, 48,943 of Alberta natural gasoline, 40,429 barrels of Manitoba crude, 4,712,935 of imported crude and 1,510,538 barrels of refinery products.

A daily average of 126,237 barrels was handled by gathering systems in January, up 16,325 from the January, 1952 average of 109,912. Trunk line deliveries though adversely affected by the change in reporting by the Imperial Pipe Line Co., were 358,173 barrels per day in January this year against 276,092 barrels daily in January of last year. Traffic on trunk lines represented a total of 2,630 million barrel miles in the current January compared with 1,739 million one year earlier. The length of haul increased from 203.2 miles per barrel in January, 1952 to 236.9 miles per barrel in the month under review.

Employment data for those carriers reporting reveal that 881 persons earned \$310,331 in January of this year. These figures represented increases of 49.8 p.c. and 60.0 p.c. respectively over the 588 employees and their \$193,906 earnings recorded in the same month of 1952.

During January the Montreal Pipe Line delivered 4,716,935 barrels of oil at its Montreal terminal. The Imperial Pipe Line in Alberta now showing all deliveries as gathering system deliveries reported a daily average of 104,823 barrels handled each day in January. Deliveries by the Interprovincial Pipe Line, affected by a seasonal drop in demand and the lack of an outlet to Ontario refineries due to the winter freeze-up in the Great Lakes, fell to their lowest point since April, 1952 and stood at 95,361 barrels per day during January. Completion of the Company's extension from Superior, Wisconsin, to Sarnia, Ontario during this summer should overcome the seasonal decline in use of facilities occasioned by the closing of navigation on the Great Lakes during the winter months. The Interprovincial Company performed a traffic movement of 1.85 billion barrel miles in October and had an average haul of 626 miles per barrel in the month under review. The Montreal Pipe Line, whose supply of oil is not affected by winter conditions and facing a constantly increasing demand, recorded the second highest traffic movement in its history in handling a daily average of 152,159 barrels in January.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	<u>Barrels</u>
during January, 1953, per table 6	14,876,043
Received into Trunk Lines from Other Canadian Pipe Lines	3,971,586
"Net Received" into Canadian Pipe Line Systems	10,904,457
"Net Received" into trunk Systems per table 1	6,952,047
"Net Received" into Gathering Systems per table 2	3,952,410
 Total Delivered out of Systems - all companies -	
during January, 1953, per table 6	14,712,575
Delivered to other Canadian Pipe Lines	3,988,591
"Net Delivered" from Canadian Pipe Line Systems	10,723,984
"Net Delivered" from Trunk Systems per table 1	9,533,208
"Net Delivered" from Gathering Systems per table 2	1,190,776

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems during January	3,952,410	
Received into Trunk Systems during January	11,227,772	15,180,182
Total oil accountable for month		18,353,112
Delivered from Gathering Systems during January	3,913,352	
Delivered from Trunk Systems during January	11,103,362	15,016,714
Balance to be accounted for at January 31, 1953		3,336,398
Oil consumed as fuel and losses		15,388
Balance on hand - January 31, 1953		3,321,010
Total Shippers Balances - January 31, 1953	3,098,255	
Total Carriers Balances - January 31, 1953	222,756	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
January, 1952	1,190,454	53,012
December, 1952	944,655	49,419
January, 1953	1,126,725	52,689

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	JANUARY 1953	DECEMBER 1952	JANUARY 1952
	Barrels	Barrels	Barrels
1. <u>Total Received*</u> (2+3+4+5)	11,227,772	13,705,044	8,710,137
Less: Received from other Canadian pipe lines -			
2. Own gathering system	304,139	2,262,772	1,683,128
3. Other pipe lines - Gathering	1,718,388	2,041,120	1,598,636
4. Trunk	2,253,198	2,675,075	1,597,414
5. <u>Net Received (6+7+8)</u>	6,952,047	6,726,077	3,830,959
6. Originating on own trunk lines	2,198,683	2,017,392	-
7. Received from foreign pipe line connections	4,712,935	4,685,971	3,679,220
8. Received from other carriers (rail & truck)	40,429	22,714	151,739
9. <u>Total Delivered*</u> (10+11)	11,103,362	13,219,657	8,558,837
10. Less: Delivered to other Canadian trunk lines	1,570,154	2,670,611	1,621,426
11. <u>Net Delivered (12+13+14)</u>	9,533,208	10,549,046	6,937,411
12. Terminated on own trunk lines	8,341,740	9,015,332	6,161,304
13. Delivered to foreign pipe line connections	1,191,468	1,533,714	776,107
14. Delivered to other carriers (rail & truck)	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	JANUARY 1953	DECEMBER 1952	JANUARY 1952
	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	3,952,410	4,580,547	3,424,511
16. Less: Received from other gathering systems	-	-	-
17. <u>Net Received (18+19)</u>	3,952,410	4,580,547	3,424,511
18. Originating on own gathering system	3,844,413	4,438,904	3,421,834
19. Received from other carriers (rail & truck)	107,997	141,643	2,677
20. <u>Total Delivered*</u> (21+22+23)	3,913,352	4,601,552	3,407,292
Less: Delivered to other pipe lines -			
21. Own Trunk system	304,139	2,262,772	1,683,128
22. Other pipe lines	2,418,437	2,038,905	1,596,885
23. <u>Net Delivered (24+25)</u>	1,190,776	299,875	127,279
24. Terminated on gathering systems	907,736	37,192	29,191
25. Delivered to other carriers (rail & truck)	283,040	262,683	98,088

* Includes duplications.

† Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	JANUARY 1953	DECEMBER 1952	JANUARY 1952
	Barrels	Barrels	Barrels
Alberta (1) - Gathering	3,952,410	4,580,547	3,424,511
- Trunk	688,145	692,918	151,739
Manitoba - Trunk	40,429	22,714	-
Ontario (2) - Trunk	940,365	846,250	-
Quebec (3) - Trunk	5,283,108	5,164,195	3,679,220
Net Received - Trunk	6,952,047	6,726,077	3,830,959
Total	10,904,457	11,306,624	7,255,470

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	JANUARY 1953	DECEMBER 1952	JANUARY 1952
	Barrels	Barrels	Barrels
Alberta (1) - Gathering	1,190,776	299,875	127,279
- Trunk	398,248	1,313,743	1,162,807
Saskatchewan - Trunk	1,220,876	1,138,443	812,081
Manitoba / - Trunk	1,681,920	2,104,192	1,293,544
Ontario (2) - Trunk	1,515,229	1,307,821	-
Quebec - Trunk	4,716,935	4,684,847	3,668,979
Net Delivered - Trunk	9,533,208	10,549,046	6,937,411
Total	10,723,984	10,848,921	7,064,690
/ Including deliveries to U.S. pipe lines at Gretna, Man.	1,191,468	1,533,714	776,107

TABLE 5

OPERATING STATISTICS

	JANUARY 1953	DECEMBER 1952	JANUARY 1952
Barrels Handled - Daily Average			
Gathering Systems Barrels	126,237	148,437	109,912
Trunk Lines "	358,173	426,441	276,092
Total Barrels Miles (Trunk Lines) Millions	2,630	2,883	1,739
Average Miles per Barrel (Trunk Lines) Miles	236.9	218.1	203.2
Employees and Earnings (6)			
Average Number (4) No.	881	905	x 588
Total Salaries and Wages \$	310,331	361,513	x 193,906
Man Hours Worked by Wage Earners (5) (6) Hours	48,506	50,478	x 33,282

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC *					
		<u>Barrels</u>			
<u>Total Received into System</u>					
This month (January, 1953)	3,257,869	3,053,275	4,712,935	(2)3,851,963	14,876,043
<u>Total Delivered out of System</u>					
This month (January, 1953)	3,249,506	2,956,179	4,716,935	(3)3,789,955	14,712,575
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (January, 1953)	104,823	-	-	21,414	126,237
<u>Trunk Lines</u>					
This month (January, 1953)	-	95,361	152,159	110,653	358,173
<u>Total Barrel Miles</u>					
<u>(Trunk Lines - in millions.)</u>			<u>Miles</u>		
This month (January, 1953)	-	1,850	347	433	2,630
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (January, 1953)	-	626.0	73.5	126.2	236.9

Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (4)	Total
EMPLOYEES AND EARNINGS					
			<u>Number</u>		
Number of employees (January, 1953)	220	304	37	320	881
			<u>Dollars</u>		
<u>Salaries and Wages</u>					
This month (January, 1953)	74,209	116,999	13,413	105,710	310,331
			<u>Hours</u>		
<u>Man Hours Worked by Wage Earners</u>					
This month (January, 1953)	28,162	790	336	19,218	48,506

- (1) Anglo-Canadian Oils Limited.
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

* Totals include duplications between companies.

- (4) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Company
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

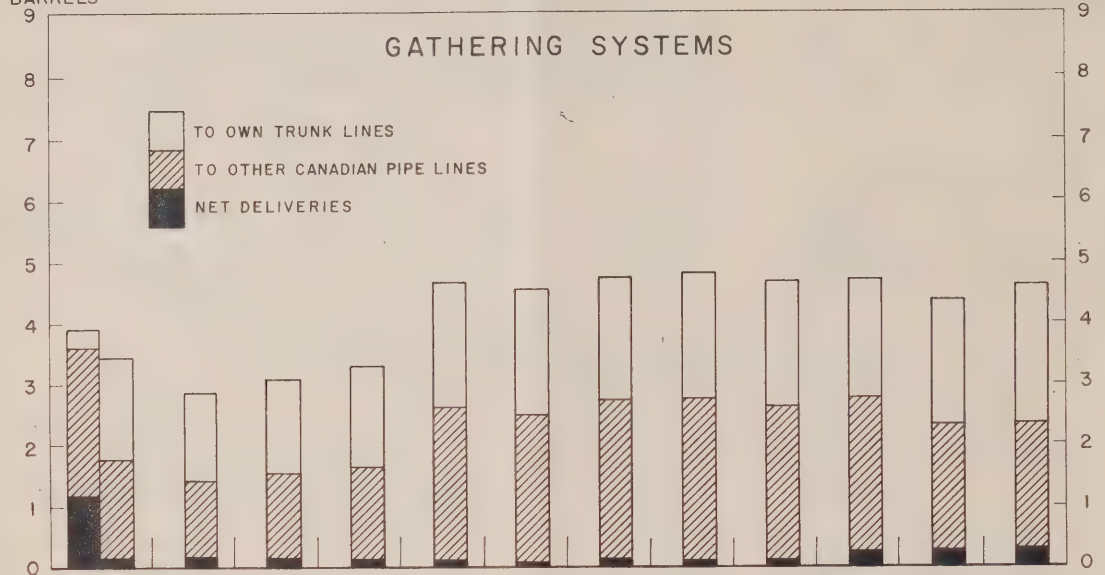
- (2) Includes 1,510,538 bbls. products and 48,943 bbls. natural gasoline.
 (3) " 1,515,229 " " 44,017 " " "

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

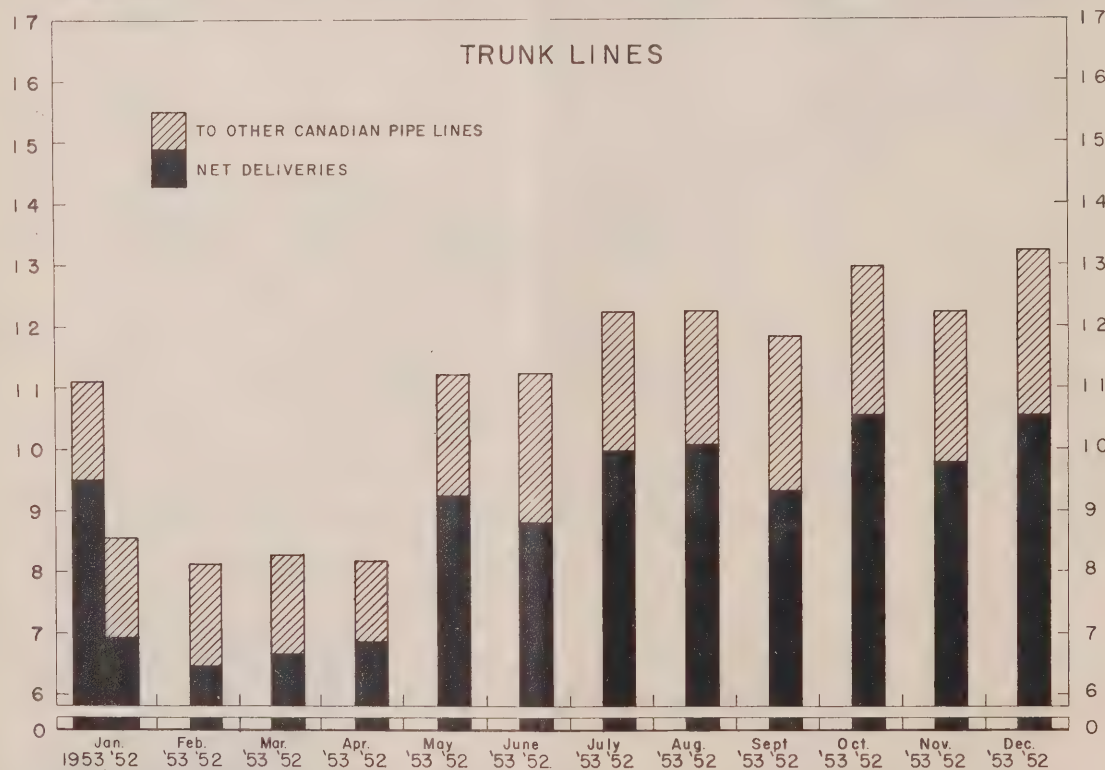
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

TRANS. & PUB. UTILITIES & METRICS FILE - P1

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 2

PIPE LINES (OIL) STATISTICS

8504-508
13-5-53

FEBRUARY, 1953

A daily net average of 363,273 barrels of oil delivered out of Canadian pipe lines during the 28 days of February established a new record for deliveries, the previous high having been 349,965 barrels daily in December, 1952. The February record compares with deliveries of 345,977 barrels a day in January of this year and 225,780 each day during February, 1952. The two products pipe lines which operate in Ontario and Quebec have contributed heavily to the vastly increased winter movement of petroleum and its products by Canada's pipe line industry. A further factor encouraging the increased movement has been the extra refining capacity installed during 1952 at various points in the Prairie Provinces as well as in Ontario and Quebec.

Net deliveries during the month totalled 10,171,642 barrels, down 553,659 from the January total of 10,725,301 but 3,537,023 barrels above the February, 1952 movement. The Imperial Pipe Line Company commenced in January the reporting of all their operations in Alberta as those of a gathering system. This change in method has resulted in Alberta totals for gathering and trunk deliveries which are not comparable with those reported in 1952. All provinces registered increases over net trunk and gathering line movement in February, 1952, the comparison between the two periods being as follows (February, 1952 data shown in brackets): Alberta 1,328,945 barrels (983,031); Saskatchewan 1,071,621 (757,306); Manitoba 1,732,736 (1,327,843); Ontario 1,701,198 (nil*) and Quebec 4,337,142 barrels (3,566,439). Oil transferred to the Lakehead Pipe Line Co. and destined principally for Ontario ports, is included in Manitoba deliveries. These deliveries amounted to 1,281,612 barrels in the current February compared with 775,626 during February, 1952.

Net receipts of oil for movement in Canadian pipe lines during February included 4,130,427 barrels of Alberta crude, 40,832 of Alberta natural gasoline, 40,579 of Manitoba crude, 4,347,776 of imported crude and 1,702,207 barrels of refinery products produced in Ontario and Quebec.

In January and February, 1953 a net total of 20,896,943 barrels delivered brought a 52.5 p.c. increase over the 13,699,309 barrels delivered in the corresponding period of 1952. Deliveries out of pipelines in each province to the end of February were (1952 data in brackets): Alberta 2,917,969 barrels (2,273,117); Saskatchewan 2,293,814 (1,569,387); Manitoba 3,414,656 (2,621,387); Ontario 3,216,427 (Nil*) and Quebec 9,054,077 (7,235,418) barrels. Manitoba totals included 2,473,080 barrels (1,551,733) transferred to the United States sector of the Interprovincial Pipe Line and scheduled principally for delivery to Ontario points by lake tanker after the opening of navigation on the Great Lakes.

Gathering systems handled an average of 124,645 barrels per day during February, up some 25,804 barrels over the 98,841 per day in February, 1952. The change in reporting by the Imperial Pipe Line Co. resulted in somewhat lower trunk line data for February than would have occurred had the method of reporting remained the same. Trunk deliveries, however, stood at the high level of 384,478 barrels handled daily. This was 104,406 barrels per day above the February, 1952 figure of 280,072 barrels.

The average length of haul by trunk lines in February, 1953 was 238.2 miles and the traffic movement totalled 2,565 million barrel miles. Trunk movement in the previous February totalled 1,717 million barrel miles and the average haul or distance per barrel was 211.4 miles. Total traffic of nearly 5.2 billion barrel miles was achieved in the first two months of this year compared with less than 3.5 billion in January and February of 1952.

Persons employed in February numbered 869 and they earned \$300,953, while the 607 persons employed in February of 1952 had earnings of \$197,998. Wage earners worked 44,327 hours in February versus 35,001 one year earlier.

In the two months ended February 28, 1953 the Montreal Pipe Line delivered 9,054,077 barrels including 4,337,142 during the month under review. The Imperial Pipe Line in Alberta, which now shows all deliveries as gathering system deliveries reported a daily average of 102,656 barrels handled in February and a daily 103,794 for the first two months. Montreal Pipe Line Co. handled a record 154,898 barrels per day in its trunk lines during February bringing the average for that company in the first 59 days of 1953 to 153,459 barrels daily.

Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first two months of 1953 per table 6	28,946,209
Received into Trunk Lines from Other Canadian Pipe Lines	7,779,931
"Net Received" into Canadian Pipe Line Systems	21,166,278
"Net Received" into Trunk Systems per table 1	13,723,219
"Net Received" into Gathering Systems per table 2	7,443,059
Total Delivered out of Systems - all companies - during first two months of 1953, per table 6	28,677,099
Delivered to other Canadian Pipe Lines	7,780,156
"Net Delivered" from Canadian Pipe Line Systems	20,896,943
"Net Delivered" from Trunk Systems per table 1	18,847,714
"Net Delivered" from Gathering Systems per table 2	2,049,229

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the two month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY - FEBRUARY, 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to February 28, 1953	7,443,059	
Received into Trunk Systems January 1 to February 28, 1953	22,099,510	29,542,569
Total oil accountable for period		32,715,499
Delivered from Gathering Systems, January 1 to February 28, 1953	7,403,408	
Delivered from Trunk Systems, January 1 to February 28, 1953	21,870,051	29,273,459
Balance to be accounted for at February 28, 1953		3,442,040
Oil consumed as fuel and losses		23,574
Balance on hand - February 28, 1953		3,418,466
Total Shippers Balances - February 28, 1953	3,198,375	
Total Carriers Balances - February 28, 1953	220,091	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum Barrels	Sun Pipe Line Co. Fuel and Other Refined Oil Barrels
February, 1952	1,008,903	53,434
January, 1953	1,126,725	52,689
February, 1953	1,007,041	48,577
Year to Date, 1953 (two months)	2,133,766	101,266

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	10,871,738	11,227,772	7,977,771	22,099,510
Less: Received from other Canadian pipe lines-				
2. Own gathering system	292,221	304,139	1,471,302	596,360
3. Other pipe lines - Gathering	1,474,579	1,718,388	1,247,817	3,192,967
4. Trunk	2,333,766	2,253,198	1,638,639	4,586,964
5. <u>Net Received (6+7+8)</u>	6,771,172	6,952,047	3,620,013	13,723,219
6. Originating on own trunk lines	2,382,817	2,198,683	-	4,581,500
7. Received from foreign pipe line connections	4,347,776	4,712,935	3,535,900	9,060,711
8. Received from other carriers (rail & truck)	40,579	40,429	84,113	81,008
9. <u>Total Delivered* (10+11)</u>	10,765,372	11,104,679	8,122,084	21,870,051
10. Less: Delivered to other Canadian trunk lines	1,452,183	1,570,154	1,638,363	3,022,337
11. <u>Net Delivered (12+13+14)</u>	9,313,189	9,534,525	6,483,721	18,847,714
12. Terminated on own trunk lines	8,031,577	8,343,057	5,708,095	16,374,634
13. Delivered to foreign pipe line connections	1,281,612	1,191,468	775,626	2,473,080
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

x Revised.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	3,490,649	3,952,410	2,850,212	7,443,059
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	3,490,649	3,952,410	2,850,212	7,443,059
18. Originating on own gathering system	3,380,516	3,844,413	2,842,313	7,224,929
19. Received from other carriers (rail & truck)	110,133	107,997	7,899	218,130
20. <u>Total Delivered* (21+22+23)</u>	3,490,056	3,913,352	2,866,390	7,403,408
Less: Delivered to other pipe lines -				
21. Own trunk system	292,221	304,139	1,471,302	596,360
22. Other pipe lines	2,339,382	2,418,437	1,244,190	4,757,819
23. <u>Net Delivered (24+25)</u>	858,453	1,190,776	150,898	2,049,229
24. Terminated on gathering systems	706,857	907,736	28,180	1,614,593
25. Delivered to other carriers (rail & truck)	151,596	283,040	122,718	434,636

* Includes duplications.

† Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		FEBRUARY 1953	JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	3,490,649	3,952,410	2,850,212	7,443,059
	- Trunk	680,610	688,145	84,113	1,368,755
Manitoba	- Trunk	40,579	40,429	-	81,008
Ontario ⁽²⁾	- Trunk	1,090,003	940,365	-	2,030,368
Quebec ⁽³⁾	- Trunk	4,959,980	5,283,108	3,535,900	10,243,088
Net Received	- Trunk	6,771,172	6,952,047	3,620,013	13,723,219
	- Total	10,261,821	10,904,457	6,470,225	21,166,278

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		FEBRUARY 1953	x JANUARY 1953	FEBRUARY 1952	YEAR TO DATE 1953
		Barrels	Barrels	Barrels	Barrels
Alberta ⁽¹⁾	- Gathering	858,453	1,190,776	150,898	2,049,229
	- Trunk	470,492	398,248	832,133	868,740
Saskatchewan	- Trunk	1,071,621	1,222,193	757,306	2,293,814
Manitoba //	- Trunk	1,732,736	1,681,920	1,327,843	3,414,656
Ontario ⁽²⁾	- Trunk	1,701,198	1,515,229	-	3,216,427
Quebec	- Trunk	4,337,142	4,716,935	3,566,439	9,054,077
Net Delivered	- Trunk	9,313,189	9,534,525	6,483,721	18,847,714
	Total	10,171,642	10,725,301	6,634,619	20,896,943
// Including deliveries to U.S. pipe lines at Gretna, Man.		1,281,612	1,191,468	775,626	2,473,080

TABLE 5

OPERATING STATISTICS

		FEBRUARY 1953	JANUARY 1953	x FEBRUARY 1952	YEAR TO DATE 1953
Barrels Handled - Daily Average					
Gathering Systems	Barrels	124,645	126,237	98,841	125,461
Trunk Lines	"	384,478	x 358,215	280,072	370,679
Total Barrel Miles (Trunk Lines)	Millions	2,565	2,630	1,717	5,195
Average Miles per Barrel (Trunk Lines)	Miles	238.2	236.9	211.4	237.5
Employees and Earnings (6)					
Average Number (4)	Number	869	881	607	875
Total Salaries and Wages	\$	300,953	310,331	197,998	611,284
Man Hours worked by Wage Earners (5)(6)	Hours	44,327	48,506	35,001	92,833

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1953

TRAFFIC AND OPERATING STATISTICS	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC *					
<u>Total Received into System</u>			<u>Barrels</u>		
This month (February, 1953)	2,877,627	3,028,303	4,347,776	(2) 3,816,460	14,070,166
This year (2 months)	6,135,496	6,081,579	9,060,711	(3) 7,668,423	28,946,209
<u>Total Delivered out of System</u>					
This month (February, 1953)	2,874,358	2,938,567	4,337,142	(4) 3,813,150	13,963,207
This year (2 months)	6,123,864	5,894,736	9,054,077	(5) 7,604,432	28,677,099
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (February, 1953)	102,656	-	-	21,989	124,645
This year (2 months)	103,794	-	-	21,687	125,481
<u>Trunk Lines</u>					
This month (February, 1953)	-	104,948	154,898	124,632	384,478
This year (2 months)	-	99,911	153,459	117,309	370,679
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (February, 1953)	-	1,794	319	452	2,565
This year (2 months)	-	3,644	666	885	5,195
<u>Average Miles per Barrel</u>					
(Trunk Lines)					
This month (February, 1953)	-	611.0	73.5	129.5	238.2
This year (2 months)	-	618.0	73.6	127.9	237.5
EMPLOYEES					
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
EMPLOYEES AND EARNINGS			<u>Number</u>		
Number of employees (February, 1953)	217	313	37	302	869
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (February, 1953)	66,502	119,265	13,198	101,988	300,953
This year (2 months)	140,711	236,264	26,611	207,698	611,284
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (February, 1953)	24,819	590	321	18,597	44,327
This year (2 months)	52,982	1,380	657	37,864	92,883

- (1) Anglo-Canadian Oils, Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Oil Co.
 Canadian Gulf Pipe Line Co.
 Edmonton Pipe Line Co., Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Co. Ltd.
 Texaco Exploration Company
 Trans-Northern Pipe Line Co.
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited.

* Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line, Limited
 Canadian Gulf Oil Co.
 Canadian Gulf Pipe Line Co.
 Edmonton Pipe Line Company, Limited
 Saskatoon Pipe Line Co. Ltd.
 Texaco Exploration Company.
 Trans-Northern Pipe Line Co.
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited.

- (2) Includes 1,702,207 bbls. Products and 40,832 bbls. natural gasoline.
 (3) " 3,212,745 " " " 89,775 " " "
 (4) " 1,701,198 " " " 45,149 " " "
 (5) " 3,216,427 " " " 89,166 " " "

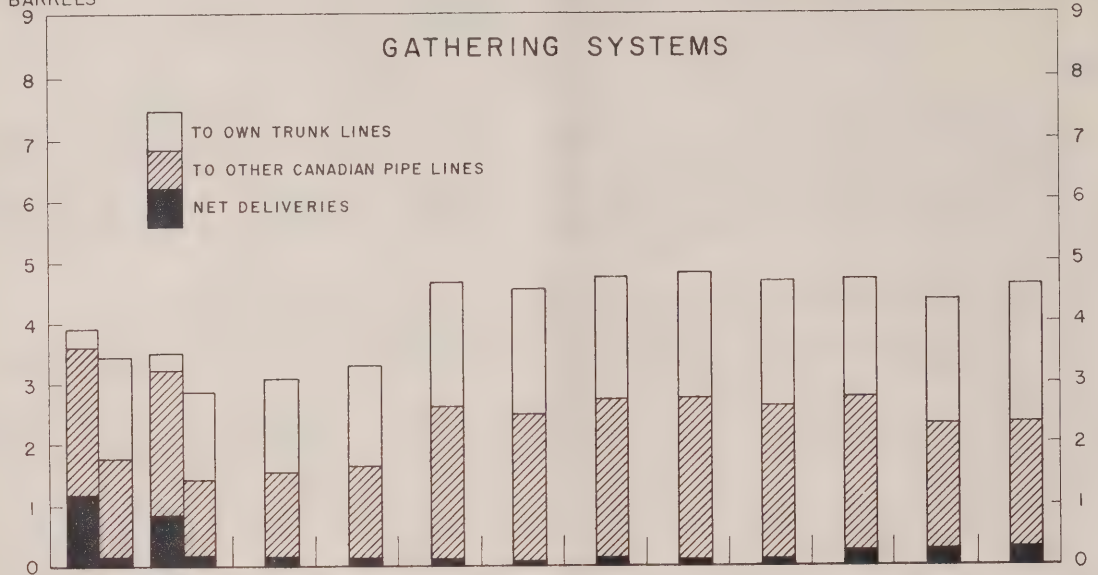
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

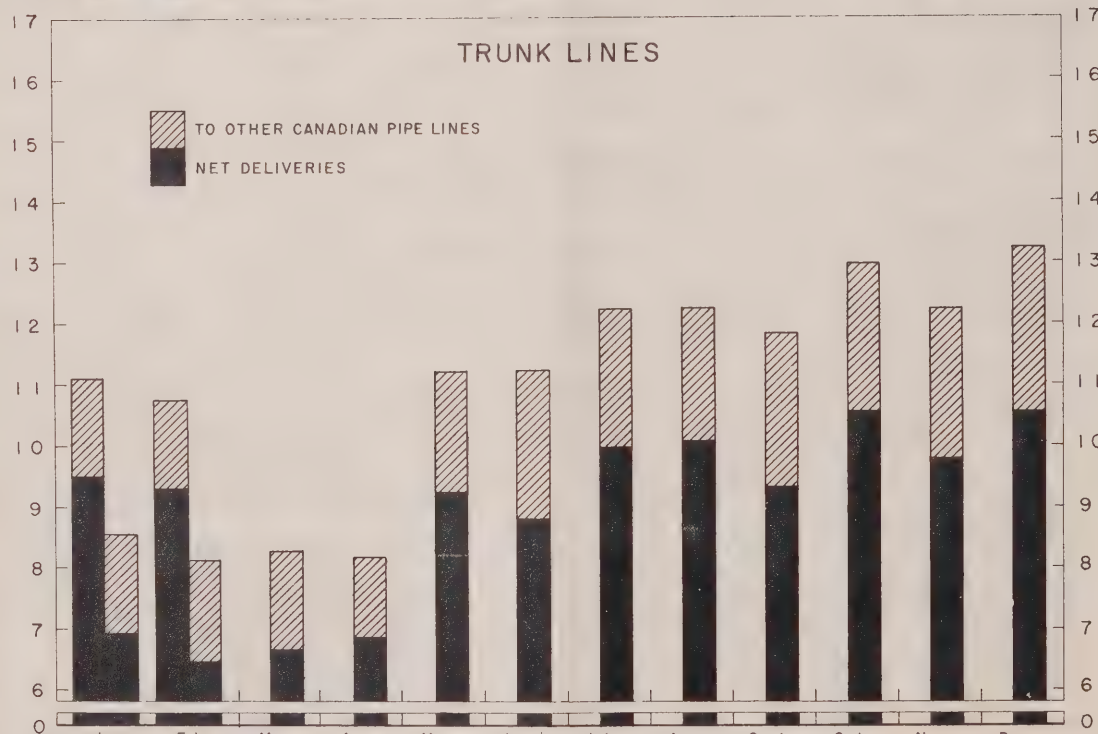
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 3

PIPE LINES (OIL) STATISTICS

8504-508
29-5-53

MARCH, 1953

The March movement of oil through Canadian pipe lines stood at 351,784 barrels delivered daily. This represented a minor decline of 3.2 p.c. from the record 363,273 daily in February this year but was an impressive 60.3 p.c. above the 219,430 barrels delivered each day in March, 1952 and was almost double the 175,449 barrels a day reported for the same month of 1951.

A net 10,905,306 barrels flowed out of the Canadian pipe lines during March thus setting a new record for total deliveries in one month. This was 733,664 barrels higher than the February total of 10,171,642 and 4,102,989 barrels or over 60 p.c. above the 6,802,317 moved in March, 1952. Due to a change in reporting by the Imperial Pipe Line Company, Alberta totals for trunk line and gathering system deliveries are not comparable with those reported in 1952; however, combined totals for all lines are comparable. All provinces had increases over the net oil movement in March, 1952. Deliveries in the several provinces were (March, 1952 in brackets): Alberta 1,315,496 barrels (1,072,507); Saskatchewan 938,854 (747,738); Manitoba 2,113,005 (1,243,781); Ontario 2,137,284 (Nil*) and Quebec 4,350,667 barrels (3,738,291). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin and thence mainly for shipment to Ontario refineries by lake tanker 1,626,429 (751,803) and delivered within the province 486,576 barrels (491,978).

March net receipts of oil for shipment by pipe line in Canada included 4,339,493 barrels of Alberta crude, 43,483 of Alberta natural gasoline, 37,798 barrels of Manitoba crude, 4,400,717 of imported crude and 2,188,246 barrels of refinery products. The petroleum products transported were produced by Ontario and Quebec refineries from both domestic and foreign crudes, and were consumed almost completely in Ontario.

Net deliveries of 31,802,249 barrels during the first three months of 1953 were 11,300,623 barrels or 55 p.c. above the 20,501,626 delivered in the like period of 1952. Deliveries in each province during the three months were (1952 data in brackets): Alberta 4,233,465 barrels (3,345,624); Saskatchewan 3,232,668 (2,317,125); Manitoba 5,527,661 (3,865,168); Ontario 5,403,711 (Nil*) and Quebec 13,404,744 barrels (10,973,709). The total for Manitoba included oil en route to Superior. This movement of 4,099,509 barrels was up 1,795,973 or 78 p.c. from the first quarter of 1952 when 2,303,536 barrels were transferred. Oil delivered to points within the province declined 8 p.c. from 1,561,632 barrels to 1,428,152 barrels in a like comparison.

Gathering systems handled a daily average of 117,722 barrels in March, well ahead of the 99,104 moved each day in March, 1952. An average 376,518 barrels were handled per diem by trunk lines compared with 267,108 per day the previous March. The change in reporting by Imperial Pipe Line Co. resulted in a smaller trunk line total for the current March than would otherwise have been compiled. Oil transport accomplished by trunk lines in March, 1953 totalled 2,917 million barrel miles against 1,650 million one year earlier. Three month totals to March 31st were: for 1953, 8,112 million barrel miles and for 1952, 5,105 million. The average length of haul in March, 1953 was 250 miles as against 199 miles in the corresponding period a year earlier.

Earnings of 875 employees reported for March were \$341,447 while the 869 employed in February received \$300,953. Some 619 persons had earnings of \$203,182 in March of 1952. Employment thus increased 41.4 p.c., and earnings 68.0 p.c. as compared with the same month of 1952.

The Montreal Pipe Line delivered 4,350,667 barrels during March to bring its first quarter total to 13,404,744. Imperial Pipe Line reported a daily movement of 96,558 barrels in its gathering system in March and 101,302 barrels per day in the first three months of the year. A daily 140,344 barrels was handled by the Montreal line. Operating revenues of Interprovincial Pipe Line Company to March 31st, 1953 were \$1,562,344 or 52.2 p.c. of the total \$2,983,278 for all companies. Comparison with earnings during the first quarter of 1952 shows Interprovincial up \$373,284 or 16.2 p.c.; Imperial Pipe Line Co. up 11.0 p.c. from \$651,976 to \$723,488, Montreal Pipe Line Co. improved 16.6 p.c. from \$381,109 to \$444,475 and all companies up \$1,407,451 or 37.7 p.c.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	Barrels
during first three months of 1953, per table 6	43,997,516
Received into Trunk Lines from Other Canadian Pipe Lines	11,829,501
"Net Received" into Canadian Pipe Line Systems	32,168,015
"Net Received" into trunk Systems per table 1	21,082,743
"Net Received" into Gathering Systems per table 2	11,085,272
Total Delivered out of Systems - all companies -	
during first three months of 1953, per table 6	43,629,981
Delivered to other Canadian Pipe Lines	11,827,732
"Net Delivered" from Canadian Pipe Line Systems	31,802,249
"Net Delivered" from Trunk Systems per table 1	28,910,601
"Net Delivered" from Gathering Systems per table 2	2,891,648

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the three-month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to March 31, 1953	11,085,272	
Received into Trunk Systems January 1 to March 31, 1953	33,877,176	44,962,448
Total oil accountable for Period		48,135,378
Delivered from Gathering Systems January 1 to March 31, 1953	11,052,800	
Delivered from Trunk Systems January 1 to March 31, 1953	33,542,113	44,594,913
Balance to be accounted for at March 31, 1953		3,540,465
Oil consumed as fuel and losses		43,659
Balance on hand - March 31, 1953		3,496,806
Total Shippers Balances - March 31, 1953	3,285,919	
Total Carriers Balances - March 31, 1953	210,887	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
March, 1952	848,035	69,504
February, 1953	1,007,041	48,577
March, 1953	1,117,561	46,552
Year to Date 1953 (3 months)	3,251,327	147,818

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	x MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	11,777,666	10,871,738	8,370,767	33,877,176
Less: Received from other Canadian pipe lines -				
2. Own gathering system	368,572	292,221	1,555,531	964,932
3. Other pipe lines - Gathering	1,479,423	1,474,579	1,392,710	4,672,390
4. Trunk	2,570,147	2,333,766	1,613,732	7,157,111
5. Net Received (6+7+8)	7,359,524	6,771,172	3,808,794	21,082,743
6. Originating on own trunk lines	2,921,009	2,382,817	-	7,502,509
7. Received from foreign pipe line connections	4,400,717	4,347,776	3,739,381	13,461,428
8. Received from other carriers (rail & truck)	37,798	40,579	69,413	118,806
9. Total Delivered * (10+11)	11,672,062	10,765,372	8,280,359	33,542,113
10. Less: Delivered to other Canadian trunk lines	1,609,175	1,452,183	1,603,649	4,631,512
11. Net Delivered (12+13+14)	10,062,887	9,313,189	6,676,710	28,910,601
12. Terminated on own trunk lines	8,436,458	8,031,577	5,924,907	24,811,092
13. Delivered to foreign pipe line connections	1,626,429	1,281,612	751,803	4,099,509
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

† Includes products and natural gasoline.

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	3,642,213	3,490,649	3,046,685	11,085,272
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	3,642,213	3,490,649	3,046,685	11,085,272
18. Originating on own gathering system	3,538,576	3,380,516	3,032,704	10,763,505
19. Received from other carriers (rail & truck)	103,637	110,133	13,981	321,767
20. Total Delivered * (21+22+23)	3,649,392	3,490,056	3,072,233	11,052,800
Less: Delivered to other pipe lines -				
21. Own Trunk system	368,572	292,221	1,555,531	964,932
22. Other pipe lines	2,438,401	2,339,392	1,391,095	7,196,220
23. Net Delivered (24+25)	842,419	858,453	125,607	2,891,648
24. Terminated on gathering systems	743,984	706,857	28,699	2,358,577
25. Delivered to other carriers (rail & truck)	98,435	151,596	96,908	533,071

* Includes duplications.

† Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	3,642,213	3,490,649	3,046,685	11,085,272
- Trunk	740,763	680,610	69,413	2,109,518
Manitoba - Trunk	37,798	40,579	-	118,806
Ontario (2) - Trunk	1,182,014	1,090,003	-	3,212,382
Quebec (3) - Trunk	5,398,949	4,959,980	3,739,381	15,642,037
Net Received - Trunk	7,359,524	6,771,172	3,808,794	21,082,743
Total	11,001,737	10,261,821	6,855,479	32,168,015

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	842,419	858,453	125,607	2,891,648
- Trunk	473,077	470,492	946,900	1,341,817
Saskatchewan - Trunk	938,854	1,071,621	747,738	3,232,668
Manitoba / - Trunk	2,113,005	1,732,736	1,243,781	5,527,661
Ontario (2) - Trunk	2,187,284	1,701,198	-	5,403,711
Quebec - Trunk	4,350,667	4,337,142	3,738,291	13,404,744
Net Delivered - Trunk	10,062,837	9,313,189	6,676,710	28,910,601
Total	10,905,306	10,171,642	6,802,317	31,802,249
/ Including deliveries to U.S. pipe lines at Gretna, Man.	1,626,439	1,281,612	751,803	4,099,509

TABLE 5

OPERATING STATISTICS

	MARCH 1 9 5 3	FEBRUARY 1 9 5 3	x MARCH 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	117,722	124,645	99,104	122,809
Trunk Lines "	376,518	384,478	267,108	372,690
Total Barrel Miles (Trunk Lines) Millions	2,917	2,565	1,650	8,112
Average Miles per Barrel (Trunk Lines) Miles	249.9	238.2	199.2	241.8
Employees and Earnings (6)				
Average Number (4) No.	875	869	619	875
Total Salaries and Wages \$	341,447	300,953	203,182	952,731
Man Hours Worked by Wage Earners (5)(6) Hours	51,000	44,327	35,822	143,833

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES
MARCH, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC</u>			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (March, 1953)	2,825,280	3,144,862	4,400,717	(2) 4,680,448	15,051,307
This year (3 months)	8,960,776	9,226,441	13,461,428	(3) 12,348,871	43,997,516
<u>Total Delivered out of System</u>					
This month (March, 1953)	2,993,303	3,101,559	4,350,667	(4) 4,507,353	14,952,882
This year (3 months)	9,117,167	8,996,295	13,404,744	(5) 12,111,775	43,629,981
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (March, 1953)	96,558	-	-	21,164	117,722
This year (3 months)	101,302	-	-	21,507	122,809
<u>Trunk Lines</u>					
This month (March, 1953)	-	100,050	140,344	136,124	376,518
This year (3 months)	-	99,959	148,942	123,789	372,690
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (March, 1953)	-	2,003	320	594	2,917
This year (3 months)	-	5,647	985	1,480	8,112
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (March, 1953)	-	646.0	73.6	140.8	249.9
This year (3 months)	-	628.0	73.6	132.9	241.8

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<u>OPERATING REVENUES</u>			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>		
Number of employees (March, 1953)	216	317	37	305	875
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (March, 1953)	72,722	124,468	13,760	130,497	341,447
This year (3 months)	213,433	360,732	40,371	338,195	952,731
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (March, 1953)	28,445	1,394	352	20,809	51,000
This year (3 months)	81,427	2,774	1,009	58,623	143,833

- (1) Anglo-Canadian Oils Limited
B.A. Alberta Pipe Line Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Oil Company
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Co. Limited
Imperial Oil Ltd. - Sarnia Products Pipe Line Division
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company Limited
Winnipeg Pipe Line Company Limited

Ø Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Oil Company
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

- (2) Includes 2,180,246 bbls. products and 43,483 bbls. natural gasoline
(3) " 5,392,991 " " 133,258 " " "
(4) " 2,187,284 " " 42,982 " " "
(5) " 5,403,711 " " 132,148 " " "

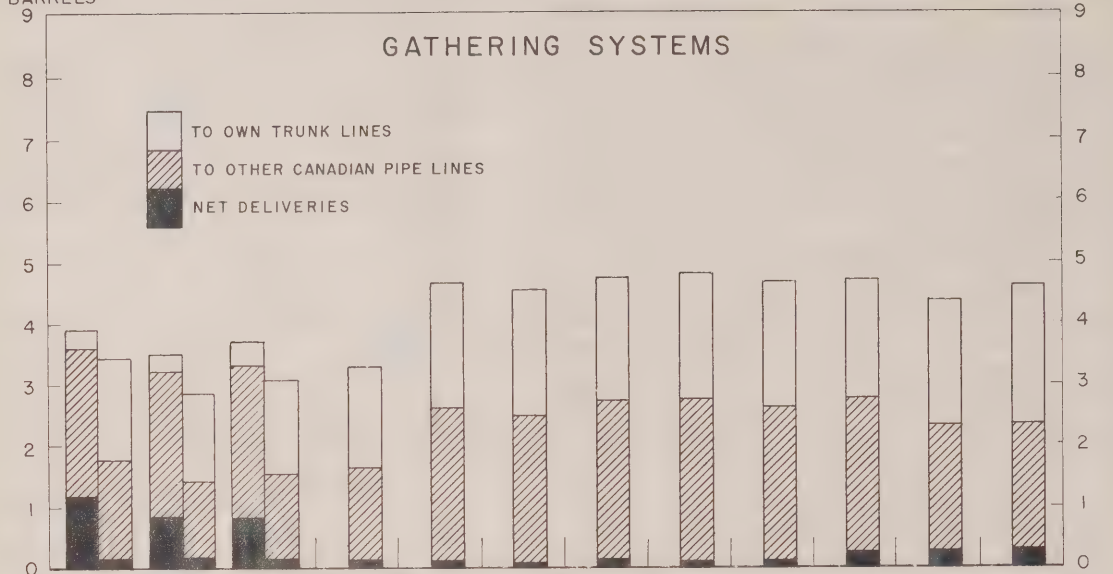
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

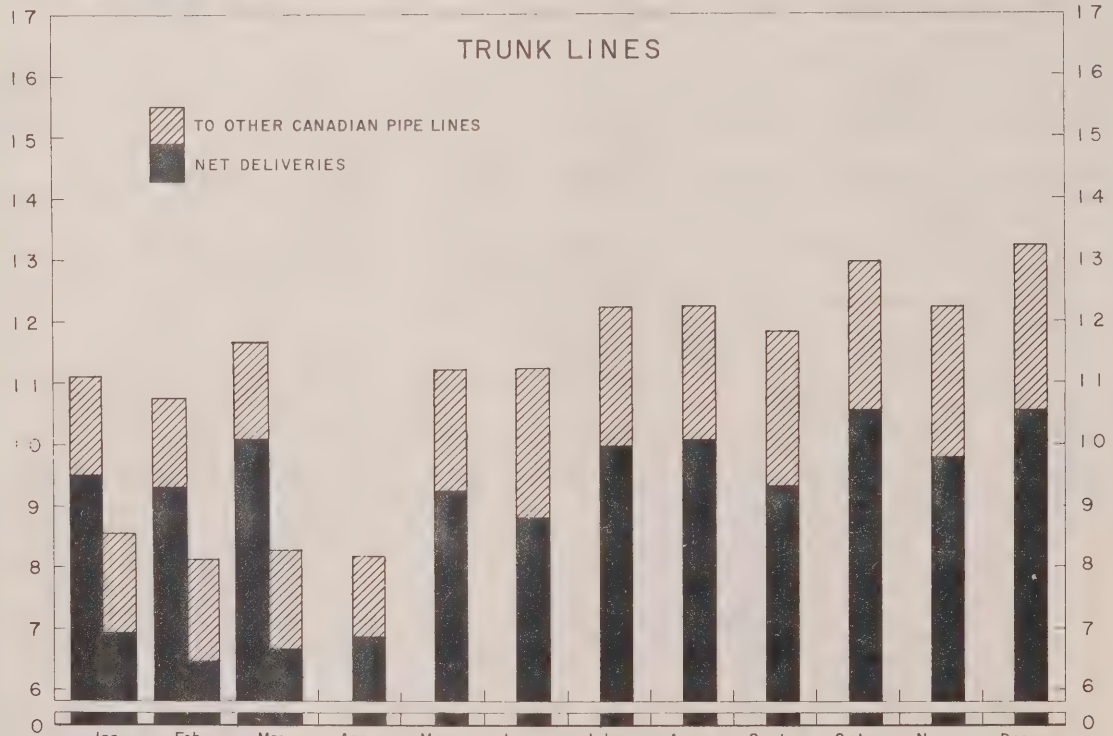
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
No. 4

PIPE LINES (OIL) STATISTICS

8504-508
9-7-53

APRIL, 1953

Average oil pipe line deliveries during April advanced to a record net total of 369,900 per day, up 18,116 barrels or 5.1 p.c. from the 351,784 daily in March and an impressive 56.4 p.c. or 123,368 barrels greater than the 236,537 per day delivered in April of 1952.

Total net deliveries for the month at 11,097,010 barrels were 191,704 above the March movement and 4,000,912 barrels higher than net deliveries made in the preceding April. Increased net deliveries over those of April, 1952 occurred in all provinces except Alberta. Comparison of provincial totals in the two periods follows (1952 data in brackets): Alberta 724,771 barrels (1,333,909); Saskatchewan 1,134,714 (724,406); Manitoba 8,026,827 (1,085,085); Ontario 2,177,016 (98,386) and Quebec 4,033,582 barrels (3,588,309). Manitoba totals include 2,802,513 barrels (1,045,544) transferred to Lakehead Pipe Line Co. at Gretna and 524,414 (310,541) delivered within the province. Alberta deliveries were down considerably due mainly to a large drop in pipe line deliveries to Edmonton refineries.

Net receipts of oil for shipment by pipe line in Canada during April included 4,936,825 barrels of Alberta crude, 38,752 of Alberta natural gasoline, 30,261 of Manitoba crude, 4,005,402 of imported crude and 2,179,251 barrels of refinery products.

During the first four months of 1953 a total of 42,899,259 barrels of oil were delivered out of Canadian pipe lines. This was 55.4 p.c. above the 27,597,724 barrels delivered in the like period of 1952. Four month totals by provinces were (1952 data in brackets): Alberta 4,958,236 barrels (4,679,533); Saskatchewan 4,367,382 (3,036,534); Manitoba 8,554,588 (5,221,253); Ontario 7,580,727 (*98,386) and Quebec 17,438,326 barrels (14,562,018). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Co. at the United States border were 8,602,022 barrels (3,349,080). This oil, included in Manitoba totals, was destined principally for Ontario refineries after trans-shipment by lake tanker from Superior, Wisconsin.

A daily average of 134,956 barrels was handled by gathering systems in April, up 17,234 from the March average of 117,722 barrels and 25,444 from the 109,512 barrels per day in April, 1952. Trunk line deliveries in April were a daily 423,885 barrels compared with 273,098 per day one year earlier. Traffic on trunk lines, as measured by barrel miles performed, was more than doubled at 3,857 million in April against 1,732 million in April, 1952. Average haul increased from 206.8 miles per barrel in April, 1952 to 303.3 miles per barrel in the month under review. The greater length of haul was occasioned by larger deliveries at Superior resulting from the earlier opening of navigation and by the 308 mile average distance that oil moved through lines of the Trans-Northern Pipe Line Company.

Employment data for those carriers reporting reveal that 896 persons earned \$308,246 in April of this year. These figures represented increases of 43.6 p.c. and 44.3 p.c. respectively over the 624 employees who earned \$213,666 in the same month of 1952. New companies in pipe line service brought much of the above increase.

April deliveries by the Interprovincial Pipe Line Co. amounted to 4,201,010 barrels or an average 140,034 barrels per day. The Imperial Pipe Line Co. delivered a daily 109,621 barrels from its gathering system. The Interprovincial pipe line performed a traffic haul of 2.9 billion barrel miles during the month. Lines of the Canadian Gulf Oil Co. were integrated into the system of the Canadian Gulf Pipe Line Co. in April.

- * Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first four months of 1953, per table 6	60,111,696
Received into Trunk Lines from Other Canadian Pipe Lines	16,753,189
"Net Received" into Canadian Pipe Line Systems	43,358,507
"Net Received" into trunk Systems per table 1	28,183,399
"Net Received" into Gathering Systems per table 2	15,175,108
 Total Delivered out of Systems - all companies -	
during first four months of 1953, per table 6	59,896,984
Delivered to other Canadian Pipe Lines	16,997,725
"Net Delivered" from Canadian Pipe Line Systems	42,899,259
"Net Delivered" from Trunk Systems per table 1	39,587,153
"Net Delivered" from Gathering Systems per table 2	3,312,106

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the four month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to April 30, 1953	15,175,108	
Received into Trunk Systems January 1 to April 30, 1953	46,399,752	61,574,860
Total oil accountable for Period		64,747,790
Delivered from Gathering Systems January 1 to April 30, 1953	15,101,480	
Delivered from Trunk Systems January 1 to April 30, 1953	46,258,668	61,360,148
Balance to be accounted for at April 30, 1953		3,387,642
Oil consumed as fuel and losses		73,685
Balance on hand - April 30, 1953		3,313,957
Total Shippers Balances - April 30, 1953	3,109,719	
Total Carriers Balances - April 30, 1953	204,238	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
April, 1952	827,151	67,389
March, 1953	1,117,561	46,552
April, 1953	979,252	52,693
Year to Date 1953 (4 months)	4,230,579	200,511

TABLE 1

OIL* CARRIED BY PIPE LINES - TRUNK

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	12,522,575	11,777,667	8,455,308	46,399,752
Less: Received from other Canadian pipe lines -				
2. Own gathering system	498,232	368,572	1,666,101	1,463,164
3. Other pipe lines - Gathering	1,752,885	1,479,423	1,509,521	6,425,275
4. Trunk	3,170,803	2,570,147	1,295,611	10,327,914
5. <u>Net Received (6+7+8)</u>	7,100,655	7,359,525	3,984,075	28,183,399
6. Originating on own trunk lines	3,064,992	2,921,010	231,108	10,567,502
7. Received from foreign pipe line connections	4,005,402	4,400,717	3,665,331	17,466,830
8. Received from other carriers (rail & truck)	30,261	37,798	87,636	149,067
9. <u>Total Delivered * (10+11)</u>	12,716,555	11,672,062	8,291,291	46,258,668
10. Less: Delivered to other Canadian trunk lines	2,040,003	1,609,175	1,308,836	6,671,515
11. <u>Net Delivered (12+13+14)</u>	10,676,552	10,062,887	6,982,455	39,587,153
12. Terminated on own trunk lines	8,174,039	8,436,458	5,936,911	32,985,131
13. Delivered to foreign pipe line connections	2,502,513	1,626,429	1,045,544	6,602,022
14. Delivered to other carriers (rail & truck)	-	-	-	-

* Includes duplications.

+ Includes products and natural gasoline.

OIL* CARRIED BY PIPE LINES - GATHERING

TABLE 2

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	4,089,836	3,642,213	3,301,203	15,175,108
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	4,089,836	3,642,213	3,301,203	15,175,108
18. Originating on own gathering system	4,020,519	3,538,576	3,298,614	14,784,024
19. Received from other carriers (rail & truck)	69,317	103,637	2,589	391,084
20. <u>Total Delivered * (21+22+23)</u>	4,048,680	3,649,392	3,285,364	15,101,480
Less: Delivered to other pipe lines -				
21. Own Trunk system	498,232	368,572	1,666,101	1,463,164
22. Other pipe lines	3,129,990	2,438,401	1,505,620	10,326,210
23. <u>Net Delivered (24+25)</u>	420,458	842,419	113,643	3,312,106
24. Terminated on gathering systems	358,945	743,984	33,317	2,717,522
25. Delivered to other carriers (rail & truck)	61,513	98,435	80,326	594,584

* Includes duplications.

+ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,089,836	3,642,213	3,301,203	15,175,108
- Trunk	885,741	740,764	177,027	2,995,260
Manitoba - Trunk	30,261	37,798	-	149,067
Ontario (2) - Trunk	1,154,496	1,182,014	141,717	4,366,878
Quebec (3) - Trunk	5,030,157	5,398,949	3,665,331	20,672,194
Net Received - Trunk	7,100,655	7,359,525	3,984,075	28,183,399
Total	11,190,491	11,001,738	7,285,278	43,358,507

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	420,458	842,419	113,643	3,312,106
- Trunk	304,313	473,077	1,220,266	1,646,130
Saskatchewan - Trunk	1,134,714	938,854	719,409	4,367,382
Manitoba + - Trunk	3,026,927	2,113,005	1,356,085	8,554,588
Ontario (2) - Trunk	2,177,016	2,187,284	98,386	7,580,727
Quebec - Trunk	4,033,582	4,350,667	3,588,309	17,438,326
Net Delivered - Trunk	10,676,552	10,062,887	6,982,455	39,587,153
Total	11,097,010	10,905,306	7,096,098	42,899,259
+ Including deliveries to U.S. pipe lines at Gretna, Man.	2,502,513	1,626,429	1,045,544	6,602,022

TABLE 5

OPERATING STATISTICS

	APRIL 1 9 5 3	MARCH 1 9 5 3	x APRIL 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	134,956	117,722	109,512	125,846
Trunk Lines "	423,885	376,518	273,098	385,489
Total Barrel Miles (Trunk Lines) Millions	3,857	2,917	1,732	11,969
Average Miles per Barrel (Trunk Lines) Miles	303.3	249.9	208.8	258.7
Employees and Earnings (6)				
Average Number (4) No.	896	875	624	880
Total Salaries and Wages \$	308,246	341,447	213,666	1,260,977
Man Hours Worked by Wage Earners (5)(6) Hours	49,525	51,000	36,783	193,358

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC</u> Ø			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (April, 1953)	3,033,583	4,007,937	4,005,402	(2) 5,067,257	16,114,179
This year (4 months)	11,994,359	13,234,378	17,466,830	(3) 17,416,129	60,111,696
<u>Total Delivered out of System</u>					
This month (April, 1953)	3,288,641	4,201,010	4,033,582	(4) 4,743,770	16,267,003
This year (4 months)	12,405,808	13,197,305	17,438,326	(5) 16,855,545	59,896,984
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (April, 1953)	109,621	-	-	25,335	134,956
This year (4 months)	103,382	-	-	22,464	125,846
<u>Trunk Lines</u>					
This month (April, 1953)	-	140,034	134,453	149,398	423,885
This year (4 months)	-	109,978	145,319	130,192	385,489
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (April, 1953)	-	2,910	297	650	3,857
This year (4 months)	-	8,557	1,283	2,129	11,969
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (April, 1953)	-	693.0	73.7	145.0	303.3
This year (4 months)	-	648.0	73.6	136.3	258.7

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<u>OPERATING REVENUES</u>			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>		
Number of employees (April, 1953)	221	336	42	297	896
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (April, 1953)	71,735	127,183	13,949	95,379	308,246
This year (4 months)	285,168	487,915	54,320	433,574	1,260,977
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (April, 1953)	27,115	1,686	530	20,194	49,525
This year (4 months)	108,542	4,460	1,539	78,817	193,358

- (1) Anglo-Canadian Oils Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

Ø Totals include duplications between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited

- (2) Includes 2,179,251 bbls. products and 38,752 bbls. natural gasoline
 (3) " 7,572,242 " " 172,010 " " "
 (4) " 2,177,016 " " 38,094 " " "
 (5) " 7,580,727 " " 170,242 " " "

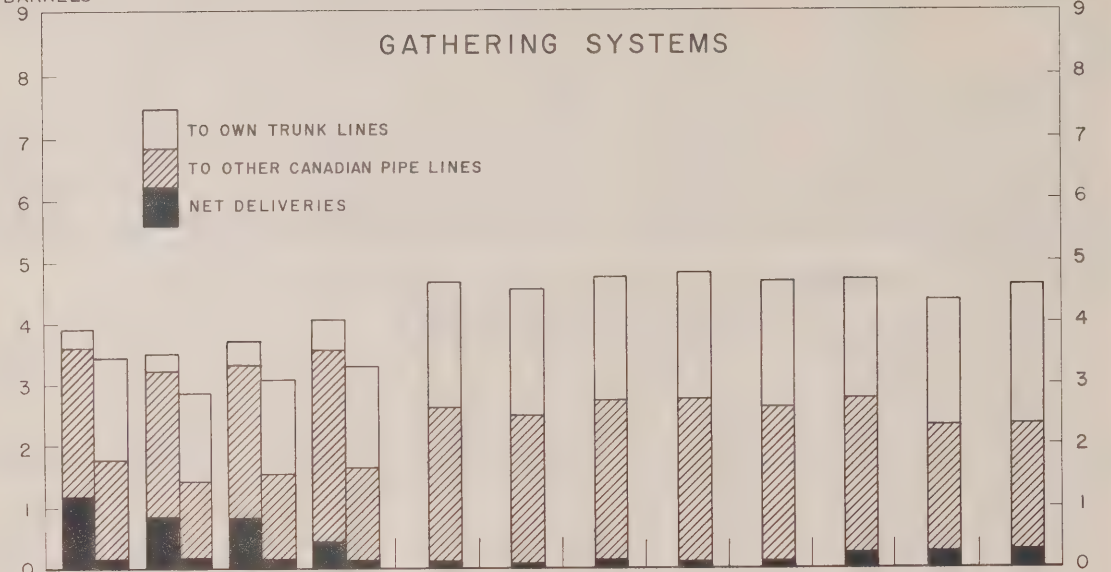
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

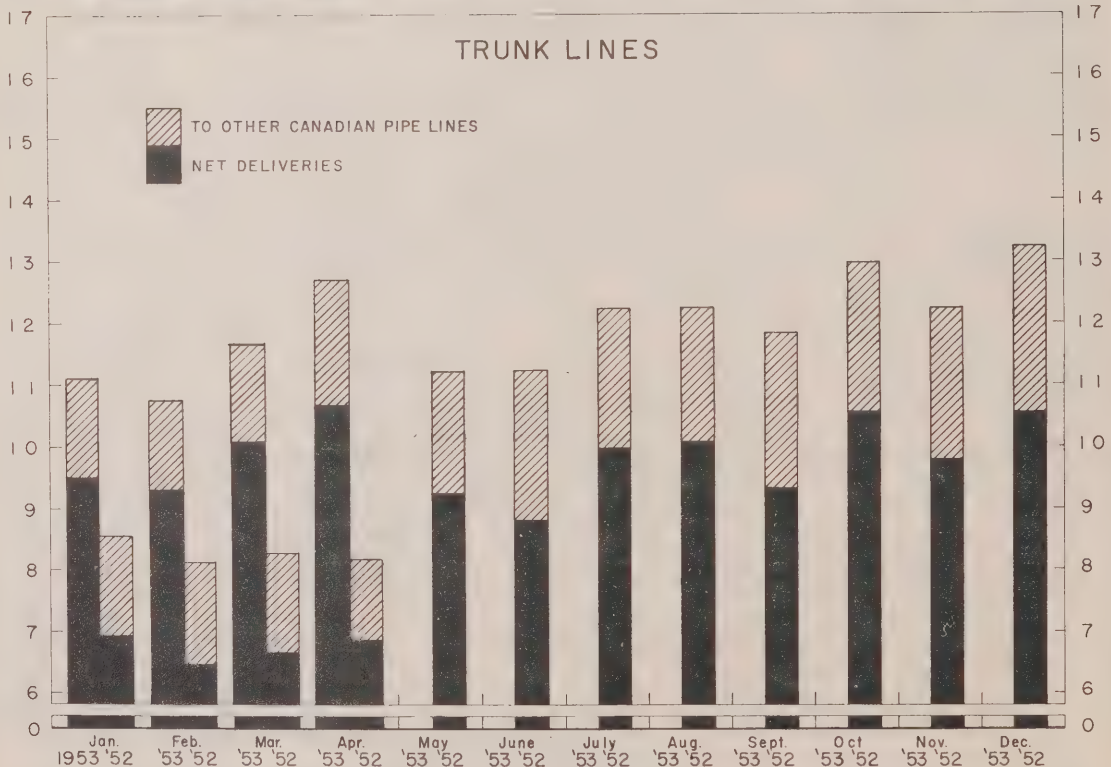
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
No. 5PIPE LINES (OIL) STATISTICS8504-508
10-8-53MAY, 1953

A net daily average of 394,082 barrels of oil delivered out of Canadian pipe lines during the 31 days of May established another new record for deliveries, the previous high having been 369,900 barrels daily in April. In May of 1952, by comparison, daily deliveries were only 307,366 barrels. Thus volume in the current May increased 28.2 p.c. over that handled in the previous May. Greatly increased deliveries of crude in Saskatchewan, and in-transit to Ontario via the Great Lakes, as well as that for refined oils in Ontario, contributed to the indicated rise.

Net deliveries during the month totalled 12,216,543 barrels and inaugurated the first time that the 12 million barrel mark of deliveries has been achieved in any one month. This total was up 1,119,533 barrels from the April total of 11,097,010 and 2,688,199 barrels above the May, 1952 movement. Saskatchewan, Manitoba and Ontario recorded increased net deliveries during May, a slight decline occurred in Quebec but Alberta was down over 25 p.c. Comparison of deliveries in the two periods follows (May, 1952 data in brackets): Alberta 992,009 (1,328,836); Saskatchewan 1,235,124 barrels (797,559); Manitoba 3,446,968 (3,064,186); Ontario 2,372,966 (146,382) and Quebec 4,169,476 barrels (4,191,381). Oil transferred to the Lakehead Pipe Line Co. and destined principally for Ontario ports is included in Manitoba deliveries. These deliveries amounted to 3,176,931 barrels in the current May compared with 2,532,734 in May, 1952.

Net receipts of oil for movement in Canadian pipe lines during May included 5,563,223 barrels of Alberta crude, 32,982 of Alberta natural gasoline, 29,240 of Manitoba crude, 4,210,833 of imported crude and 2,372,884 barrels of refined oils produced in Ontario and Quebec.

During the five months to May 31, 1953 a net total delivery of 55,115,802 barrels produced a 48.5 p.c. increase over the 37,126,068 barrels delivered in the corresponding period of 1952. Deliveries out of pipe lines in each province to the end of May were (1952 data in brackets): Alberta 5,950,245 barrels (6,008,369); Saskatchewan 5,602,506 (3,834,093); Manitoba 12,001,556 (8,285,439); Ontario 9,953,693 (244,768) and Quebec 21,607,802 barrels (18,753,399). Manitoba totals included 9,778,953 barrels (5,881,814) transferred to the United States sector of the Interprovincial Pipe Line and scheduled principally for delivery to Ontario points by lake tanker.

Gathering systems handled an average of 149,269 barrels per day during May, down some 678 barrels from the 149,947 per day in May, 1952. Trunk deliveries again established a new record at 433,176 barrels per day, some 66,656 above the daily 366,520 delivered during the previous May.

The average length of haul by trunk lines in May was 312.6 miles and traffic movement passed the 4 billion barrel miles mark for the first time at 4.2 billion. Trunk movement in the previous May totalled 3.2 billion barrel miles and the average distance a barrel of oil moved was 280 miles. Total traffic movement of nearly 16.2 billion barrel miles was achieved in the first five months of this year compared with some 10 billion in the like period of last year.

Persons employed in May numbered 920 and earned \$319,795, while the 668 persons employed in May of 1952 had earnings of \$228,658. Wage earners worked 47,865 hours in May versus 43,272 one year earlier.

In the five months ended May 31, 1953 the Montreal Pipe Line delivered a total of 21,607,802 barrels including 4,169,476 in the month reviewed. The Interprovincial Pipe Line delivered 149,739 barrels daily in May and performed a traffic movement of 3.2 billion barrel miles, both new records for the company. Imperial Pipe Line deliveries from the company's gathering system were an average 122,913 barrels per day during the month bringing the daily average for the year to date to 107,392 barrels.

Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	<u>Barrels</u>
during first five months of 1953, per table 6	77,502,424
Received into Trunk Lines from Other Canadian Pipe Lines	21,934,755
"Net Received" into Canadian Pipe Line Systems	55,567,669
"Net Received" into Trunk Systems per table 1	35,794,382
"Net Received" into Gathering Systems per table 2	19,773,287
Total Delivered out of Systems - all companies -	
during first five months of 1953, per table 6	77,429,591
Delivered to other Canadian Pipe Lines	22,313,789
"Net Delivered" from Canadian Pipe Line Systems	55,115,802
"Net Delivered" from Trunk Systems per table 1	51,081,659
"Net Delivered" from Gathering systems per table 2	4,034,143

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the five month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to May 31, 1953	19,773,287	
Received into Trunk Systems January 1 to May 31, 1953	59,715,469	79,488,756
Total oil accountable for Period		82,661,686
Delivered from Gathering Systems January 1 to May 31, 1953	19,728,811	
Delivered from Trunk Systems January 1 to May 31, 1953	59,687,112	79,415,923
Balance to be accounted for at May 31, 1953		3,245,763
Oil consumed as fuel and losses		101,719
Balance on hand - May 31, 1953		3,144,044
Total Shippers Balances - May 31, 1953	2,919,781	
Total Carriers Balances - May 31, 1953	224,263	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
May, 1952	488,219	40,310
April, 1953	979,252	52,693
May, 1953	146,321	54,565
Year to Date 1953 (5 months)	4,376,900	255,076

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received ★ (2+3+4+5)</u>	13,315,717	12,522,575	11,185,244	59,715,469
Less: Received from other Canadian pipe lines -				
2. Own gathering system	523,168	498,232	2,038,934	1,986,332
3. Other pipe lines - Gathering	1,942,900	1,752,885	2,494,227	8,368,175
4. Trunk	3,238,666	3,170,803	1,954,443	13,566,580
5. <u>Net Received (6+7+8)</u>	7,610,983	7,100,655	4,697,640	35,774,382
6. Originating on own trunk lines	3,370,910	3,064,992	398,716	13,938,412
7. Received from foreign pipe line connections	4,210,833	4,005,402	4,148,328	21,677,663
8. Received from other carriers (rail & truck)	29,240	30,261	150,596	178,307
9. <u>Total Delivered ★ (10+11)</u>	13,428,444	12,716,555	11,362,122	59,687,112
10. Less: Delivered to other Canadian trunk lines	1,933,938	2,040,003	1,953,940	8,605,453
11. <u>Net Delivered (12+13+14)</u>	11,494,506	10,676,552	9,408,182	51,081,659
12. Terminated on own trunk lines	8,317,575	8,174,039	6,875,448	41,302,706
13. Delivered to foreign pipe line connections	3,176,931	2,502,513	2,532,734	9,778,953
14. Delivered to other carriers (rail & truck)	-	-	-	-

★ Includes duplications.

✧ Includes products and natural gasoline.

x Revised.

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MAY 1953	APRIL 1953	x MAY 1952	YEAR TO DATE 1953
	barrels	Barrels	barrels	Barrels
15. <u>Total Received (16+17)</u>	4,598,179	4,089,836	4,669,742	19,773,287
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	4,598,179	4,089,836	4,669,742	19,773,287
18. Originating on own gathering system	4,492,865	4,020,519	4,652,627	19,773,287
19. Received from other carriers (rail & truck)	105,314	69,317	17,115	456,398
20. <u>Total Delivered ★ (21+22+23)</u>	4,627,331	4,048,680	4,648,361	19,728,811
Less: Delivered to other pipe lines -				
21. Own Trunk system	523,168	498,232	2,038,934	1,986,332
22. Other pipe lines	3,382,126	3,129,990	2,489,265	13,708,336
23. <u>Net Delivered (24+25)</u>	722,037	420,458	120,162	4,034,143
24. Terminated on gathering systems	662,030	358,945	35,899	3,379,552
25. Delivered to other carriers (rail & truck)	60,007	61,513	84,263	654,591

★ Includes duplications.

✧ Includes natural gasoline.

x Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	MAY 1 9 5 3	APRIL 1 9 5 3	x MAY 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,598,179	4,089,836	4,669,742	19,773,287
- Trunk	998,026	885,741	395,776	3,993,286
Manitoba - Trunk	29,240	30,261	-	178,307
Ontario (2) - Trunk	1,196,349	1,154,496	153,536	5,563,227
Quebec (3) - Trunk	5,387,368	5,030,157	4,148,328	26,059,562
Net Received - Trunk	7,610,983	7,100,655	4,697,640	35,794,382
Total	12,209,162	11,190,491	9,367,382	55,567,669

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	MAY 1 9 5 3	APRIL 1 9 5 3	x MAY 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	722,037	420,458	120,162	4,034,143
- Trunk	269,972	304,313	1,208,674	1,916,102
Saskatchewan - Trunk	1,235,124	1,134,714	797,559	5,602,506
Manitoba / - Trunk	3,446,968	3,026,927	3,064,186	12,001,556
Ontario (2) - Trunk	2,372,966	2,177,016	146,382	9,953,693
Quebec - Trunk	4,169,476	4,033,582	4,191,381	21,607,802
Net Delivered- Trunk	11,494,506	10,676,552	9,408,182	51,081,659
Total	12,216,543	11,097,010	9,528,344	55,115,802
/ Including deliveries to U.S. pipe lines at Gretna, Man.	3,176,931	2,02,513	2,532,734	9,778,953

TABLE 5

OPERATING STATISTICS

	MAY 1 9 5 3	APRIL 1 9 5 3	x MAY 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	149,269	134,956	149,947	130,654
Trunk Lines "	433,176	423,885	366,520	395,279
Total Barrel Miles (Trunk Lines) Millions	4,198	3,857	3,182	16,167
Average Miles per Barrel (Trunk Lines) Miles	312.6	303.3	280.0	270.9
Employees and Earnings (6)				
Average Number (4) No.	920	896	668	888
Total Salaries and Wages \$	319,795	308,246	228,658	1,580,772
Man Hours Worked by Wage Earners (5) (6) Hours	47,865	49,525	43,272	241,223

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MAY, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (May, 1953)	3,781,165	4,508,105	4,210,833	(2) 4,890,625	17,390,728
This year (5 months)	16,215,683	17,742,483	21,677,663	(3) 21,867,545	77,502,424
<u>Total Delivered out of System</u>					
This month (May, 1953)	3,810,311	4,641,907	4,169,476	(4) 4,910,913	17,532,607
This year (5 months)	16,216,119	17,839,212	21,007,802	(5) 21,707,458	77,129,591
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (May, 1953)	122,913	-	-	26,356	149,269
This year (5 months)	107,392	-	-	23,262	130,654
<u>Trunk Lines</u>					
This month (May, 1953)	-	149,739	134,499	148,938	433,176
This year (5 months)	-	118,140	143,098	134,041	395,279
<u>Total Barrel Miles</u>			<u>Miles</u>		
(Trunk Lines - in millions)					
This month (May, 1953)	-	3,202	307	689	4,198
This year (5 months)	-	11,759	1,590	2,818	16,167
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (May, 1953)	-	690.0	73.6	149.2	312.6
This year (5 Months)	-	659.0	73.6	139.2	270.9

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
EMPLOYEES AND EARNINGS			<u>Number</u>		
Number of employees (May, 1953)	224	350	50	296	920
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (May, 1953)	74,659	125,102	15,245	104,789	319,795
This year (5 months)	359,827	613,017	69,565	538,363	1,580,772
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (May, 1953)	27,656	81	1,516	18,612	47,865
This year (5 months)	136,198	4,541	3,055	97,429	241,223

- (1) Anglo-Canadian Oils Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

- (2) Includes 2,372,884 bbls. products and 32,982 bbls. natural gasoline
 (3) " 9,945,126 " " 204,992 " " "
 (4) " 2,372,966 " " 32,901 " " "
 (5) " 9,953,693 " " 203,143 " " "

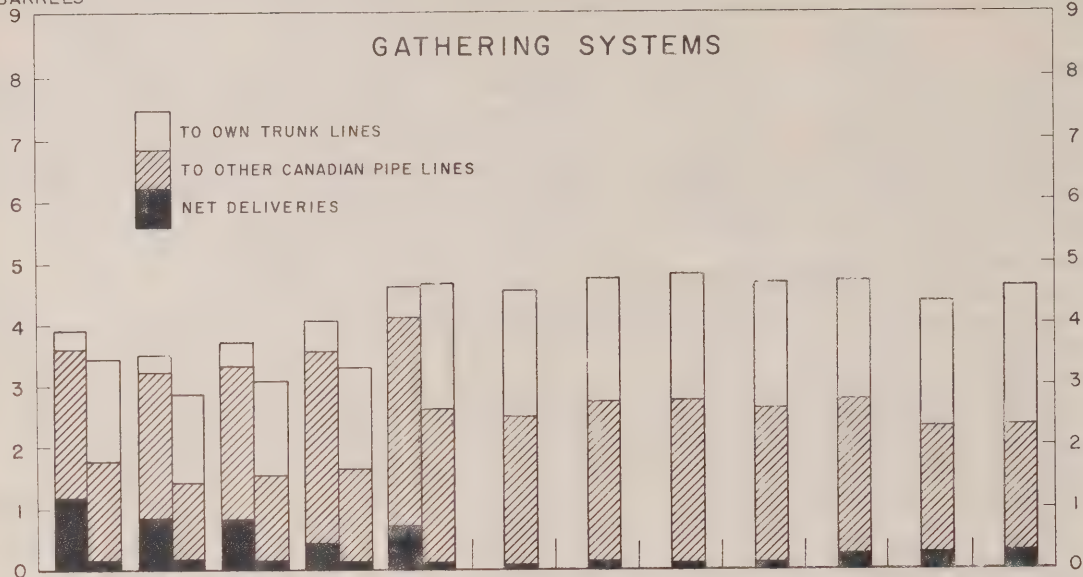
- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited

MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

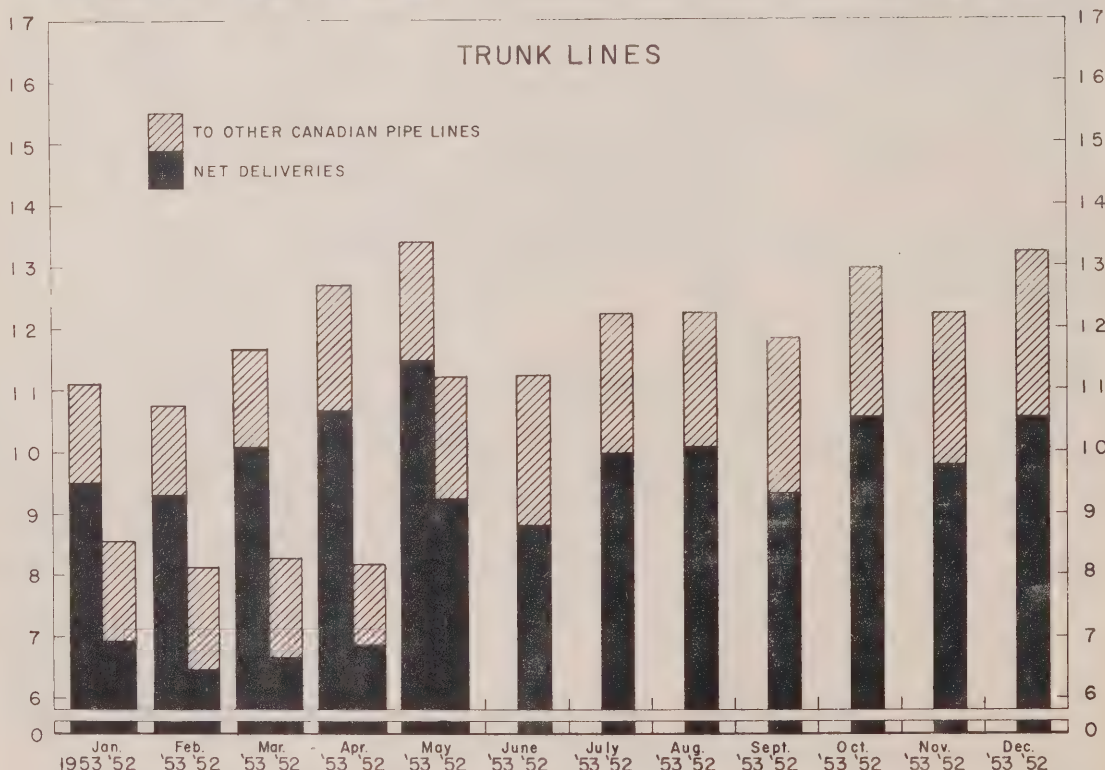
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
No. 6

PIPE LINES (OIL) STATISTICS

8504-508
9-9-1953

June, 1953

The June movement of oil through Canadian pipe lines stood at 432,139 barrels delivered daily. This new record was 8.4 p.c. or 33,460 barrels above the previous record of 398,679 barrels per day in May this year and is up 41.7 p.c. compared with the 305,009 barrels per day reported for June, 1952. New record deliveries in Saskatchewan, Manitoba and Quebec accounted for the large increase over the May movement of oil.

A net 12,964,162 barrels flowed out of the Canadian pipe lines during June and established a new record for deliveries in one month. This was 605,128 barrels higher than the revised May total of 12,359,034 and 3,813,906 barrels or 41.7 p.c. above the 9,150,256 moved in June, 1952. All provinces had increases over the net oil movement in June, 1952. Deliveries in the several provinces were (June, 1952, in brackets): Alberta 1,541,655 barrels (1,173,494); Saskatchewan 1,260,515 (800,919); Manitoba 3,464,339 (2,980,676); Ontario 1,944,093 (227,301) and Quebec 4,753,560 barrels (3,967,366). Included in the Manitoba totals were: via Lakehead Pipe Line Co. to Superior, Wisconsin and thence mainly for shipment to Ontario refineries by lake tanker 2,930,443 barrels (2,392,881) and delivered within the province 533,896 (587,795).

June net receipts of oil for shipment by pipe line in Canada included 6,180,655 barrels of Alberta crude, 33,725 of Alberta natural gasoline, 22,097 of Manitoba crude, 4,780,765 of imported crude and 1,944,387 barrels of refinery products. Most of the refinery products given pipeline movement, which were produced in Quebec and Ontario refineries from both domestic and foreign crudes were destined for consumption in Ontario.

Net deliveries of 68,455,253 barrels in the first half of 1953 were 22,178,929 barrels or 47.9 p.c. above the 46,276,324 delivered in the like period of 1952. Deliveries in each province during the six months were (1952 data in brackets): Alberta 7,867,189 barrels (7,181,863); Saskatchewan 6,863,021 (4,635,012); Manitoba 15,465,895 (11,266,115); Ontario 11,897,786 (4,472,069) and Quebec 26,361,362 barrels (22,721,265). The total for Manitoba included oil en route to Superior. This movement of 12,709,396 barrels was up 4,434,701 or 53.6 p.c. from the first half of 1952 when 8,274,695 barrels were transferred. Oil delivered to points within the province declined 7.9 p.c. from 2,991,420 barrels to 2,756,499 in a similar comparison.

Gathering systems handled a record daily average of 167,661 barrels in June, well above the 152,640 moved each day in June, 1952. Another record was established by trunk lines during June, 1953, with an average 473,588 barrels handled per diem as against 382,203 in June the previous year. Oil transport accomplished by trunk lines in June, 1953, totalled 4,230 million barrel miles against 3,133 million one year earlier. Six month totals to June 30th were: for 1953, 20,397 million barrel miles and for 1952, 13,152 million. The average length of haul in June, 1953, was 298 miles compared with 273 in the corresponding month of 1952.

Earnings of 917 employees reported for June were \$ 332,473 while the 920 employed in May this year received \$ 319,795. Some 672 persons had earnings of \$ 227,627 in June of 1952. June employment thus increased 36.5 p.c. and earnings 46.1 p.c. as compared with the same month of 1952.

The Montreal Pipe Line delivered 4,753,560 barrels during June to bring its first half year total to 26,361,362 barrels. Imperial Pipe Line reported a daily movement of 135,738 barrels in its gathering system in June and 112,090 barrels per day for the first six months of the year. A daily 158,452 barrels were handled by the Montreal line in June. Operating revenues of the Interprovincial Pipe Line Company for the half year were \$ 6,845,307 or 53 p.c. of the total \$ 12,805,250 for all companies. Comparison with earnings for the first half of 1952 shows Interprovincial up \$ 880,360 or 15 p.c.; Imperial Pipe Line Company up 7 p.c. from \$ 1,549,965 to \$ 1,665,224; Montreal Pipe Line Company improved 13 p.c. from \$ 785,908 to \$ 887,082 and earnings for all companies were up \$ 3,720,139 or 41 p.c.

Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$ 1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	Barrels
during first six months of 1953, per table 6	96,120,442
Received into Trunk Lines from Other Canadian Pipe Lines	27,591,144
"Net Received" into Canadian Pipe Line Systems	68,529,298
"Net Received" into Trunk Systems per table 1	43,733,847
"Net Received" into Gathering Systems per table 2	24,795,451
Total Delivered out of Systems - all companies -	
during first six months of 1953, per table 6	96,046,100
Delivered to other Canadian Pipe lines	27,590,847
"Net Delivered" from Canadian Pipe Line Systems	68,455,253
"Net Delivered" from Trunk Systems per table 1	63,442,517
"Net Delivered" from Gathering Systems per table 2	5,012,736

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the six month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to June 30, 1953	24,795,451	
Received into Trunk Systems January 1 to June 30, 1953	73,932,305	98,727,756
Total oil accountable for period		101,900,686
Delivered from Gathering Systems January 1 to June 30, 1953	24,758,659	
Delivered from Trunk Systems January 1 to June 30, 1953	73,894,755	98,653,414
Balance to be accounted for at June 30, 1953		3,247,272
Oil consumed as fuel and losses		123,264
Balance on hand - June 30, 1953		3,124,008
Total Shippers Balances - June 30, 1953	2,893,759	
Total Carriers Balances - June 30, 1953	230,249	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
June, 1952	475,563	40,330
May, 1953	146,321	54,565
June, 1953	306,834	81,440
Year to Date 1953 (6 months)	4,683,734	336,516

TABLE 1

OIL / CARRIED BY PIPE LINES - TRUNK

	JUNE 1 9 5 3	x MAY 1 9 5 3	x JUNE 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	14,216,836	13,315,717	11,665,676	73,932,306
Less: Received from other Canadian pipe lines -				
2. Own gathering system	620,982	523,168	2,067,280	2,607,314
3. Other pipe lines - Gathering	2,161,572	1,942,900	2,402,065	10,529,747
4. Trunk	3,494,817	3,238,666	2,428,814	17,061,397
5. Net Received (6+7+8)	7,939,465	7,610,983	4,767,517	43,733,847
6. Originating on own trunk lines	3,136,603	3,370,910	541,456	17,075,015
7. Received from foreign pipe line connections	4,780,765	4,210,833	4,049,763	26,458,428
8. Received from other carriers (rail & truck)	22,097	29,240	176,298	200,404
9. Total Delivered * (10+11)	14,207,643	13,428,444	11,466,099	73,894,755
10. Less: Delivered to other Canadian trunk lines	2,222,074	1,791,447	2,429,643	10,452,238
11. Net Delivered (12+13+14)	11,985,569	11,636,997	9,036,456	63,442,517
12. Terminated on own trunk lines	9,055,126	8,460,066	6,643,575	50,733,121
13. Delivered to foreign pipe line connections	2,930,443	3,176,931	2,392,881	12,709,396
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL / CARRIED BY PIPE LINES - GATHERING

	JUNE 1 9 5 3	MAY 1 9 5 3	x JUNE 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	5,022,164	4,598,179	4,525,289	24,795,451
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	5,022,164	4,598,179	4,525,289	24,795,451
18. Originating on own gathering system	4,904,551	4,492,865	4,516,485	24,181,440
19. Received from other carriers (rail & truck)	117,613	105,314	8,804	614,011
20. Total Delivered * (21+22+23)	5,029,848	4,627,331	4,579,204	24,758,659
Less: Delivered to other pipe lines -				
21. Own Trunk system	620,982	523,168	2,067,280	2,607,314
22. Other pipe lines	3,430,273	3,582,126	2,398,124	17,138,609
23. Net Delivered (24+25)	978,593	722,037	113,800	5,012,736
24. Terminated on gathering systems	811,862	662,030	44,116	4,191,414
25. Delivered to other carriers (rail & truck)	166,731	60,007	69,684	821,322

* Includes duplications.

/ Includes natural gasoline and products.

✓ Includes natural gasoline.

x Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	JUNE 1 9 5 3	MAY 1 9 5 3	x JUNE 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,022,164	4,598,179	4,525,289	24,795,451
- Trunk	1,192,216	998,026	487,534	5,185,502
Manitoba - Trunk	22,097	29,240	-	200,404
Ontario (2) - Trunk	766,459	1,196,349	230,220	6,329,686
Quebec (3) - Trunk	5,958,693	5,387,368	4,049,763	32,018,255
Net Received - Trunk	7,939,465	7,610,983	4,767,517	43,733,847
Total	12,961,629	12,209,162	9,292,806	68,529,298

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province -	JUNE 1 9 5 3	x MAY 1 9 5 3	x JUNE 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	978,593	722,037	113,800	5,012,736
Trunk	563,062	412,463	1,059,694	2,864,453
Saskatchewan - Trunk	1,260,515	1,235,124	800,919	6,863,021
Manitoba / - Trunk	3,464,339	3,446,968	2,980,676	15,465,895
Ontario (2) - Trunk	1,944,093	2,372,966	227,301	11,897,786
Quebec - Trunk	4,753,560	4,169,476	3,967,866	26,361,362
Net Delivered- Trunk	11,985,569	11,636,997	9,036,456	63,442,517
Total	12,964,162	12,359,034	9,150,266	68,455,253
Including deliveries to U.S. pipe lines at Gretna, Man.	2,930,443	3,176,931	2,392,881	12,709,396

TABLE 5

OPERATING STATISTICS

	JUNE 1 9 5 3	MAY 1 9 5 3	x JUNE 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	167,661	149,269	152,640	136,788
Trunk Lines "	473,588	433,176	382,203	408,258
Total Barrel Miles (Trunk Lines) Millions	4,230	4,198	3,133	20,397
Average Miles per Barrel (Trunk Lines) Miles	297.8	312.6	273.2	276.0
Employees and Earnings (6)				
Average Number (4) No.	917	920	672	893
Total Salaries and Wages \$	332,473	319,796	227,627	1,913,245
Man Hours Worked by Wage Earners (5) (6) Hours	47,865	47,865	41,410	289,088

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JUNE, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (June, 1953)	4,086,753	4,705,810	4,780,768	(2) 5,046,690	18,618,018
This year (6 months)	20,302,436	22,446,293	26,458,428	(3) 26,913,285	96,120,442
<u>Total Delivered out of System</u>					
This month (June, 1953)	4,072,146	4,720,669	4,753,560	(4) 5,070,134	18,616,509
This year (6 months)	20,288,265	22,559,881	26,361,362	(5) 26,836,592	96,046,100
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (June, 1953)	135,738	-	-	31,923	167,661
This year (6 months)	112,090	-	-	24,698	136,788
<u>Trunk Lines</u>					
This month (June, 1953)	-	157,356	158,452	157,780	473,588
This year (6 months)	-	124,640	145,643	137,976	408,268
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (June, 1953)	-	3,236	349	645	4,230
This year (6 months)	-	14,995	1,939	3,463	20,397
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (June, 1953)	-	685.0	73.5	136.3	297.8
This year (6 months)	-	665.0	73.6	138.7	276.0

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
EMPLOYEES AND EARNINGS			<u>Number</u>		
Number of employees (June, 1953)	227	349	50	291	917
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (June, 1953)	75,702	134,003	16,974	105,794	332,473
This year (6 months)	435,529	747,020	86,539	644,157	1,913,245
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (June, 1953)	28,889	472	2,435	16,069	47,865
This year (6 months)	165,087	5,013	5,490	113,498	289,088

- (1) Anglo-Canadian Oils Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

∅ Totals include duplication between companies.

- (6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited

- (2) Includes 1,944,387 bbls. products and 33,725 bbls. natural gasoline
 (3) " 11,889,513 " " " 238,717 " " "
 (4) " 1,944,093 " " " 30,121 " " "
 (5) " 11,897,786 " " " 232,808 " " "

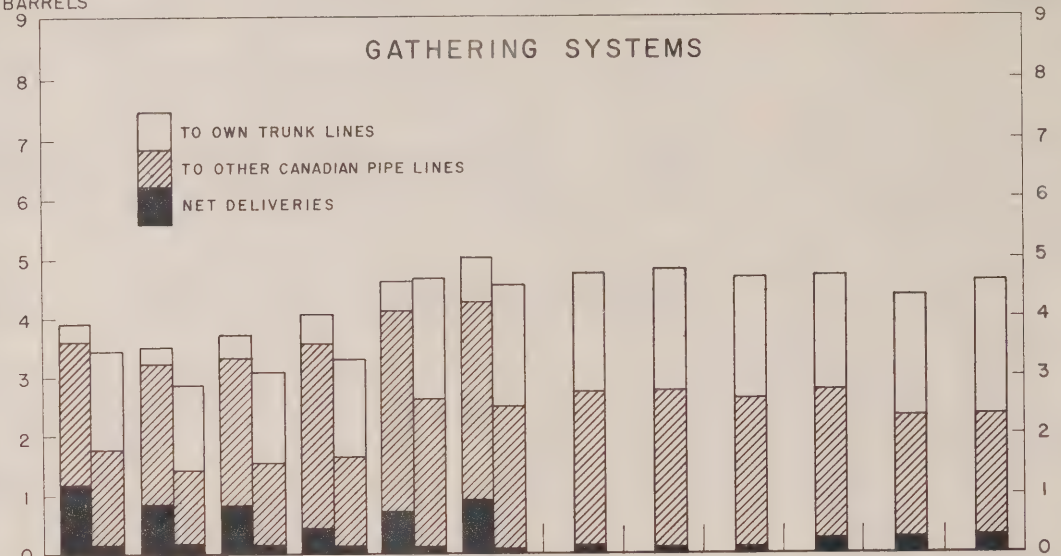
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

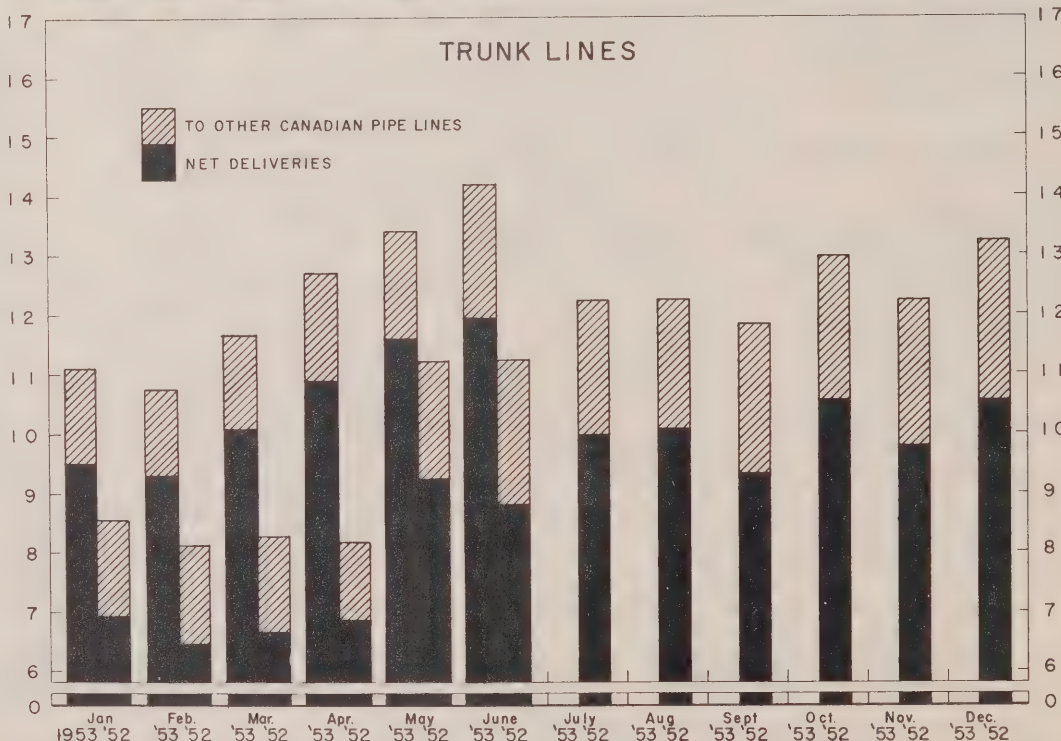
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
No. 7

PIPE LINES (OIL) STATISTICS

8504-508
6-10-53

JULY, 1953

Canadian oil pipe line deliveries during July advanced to a record average net total of 437,852 barrels per day up 5,713 or 1.3 p.c. from the 432,139 barrels daily in June and 34.6 p.c. or 112,489 barrels greater than the July, 1952, movement of 325,363 per day. July was the fourth successive month in which new record deliveries were made.

Total net deliveries for the month at 13,573,403 barrels were 609,241 above the June movement and 3,487,144 barrels higher than net deliveries in the preceding July. Net deliveries were higher in all provinces than those made in July, 1952. Comparison of provincial totals in the two periods follows (1952 data in brackets): Alberta 1,636,415 barrels (1,433,778); Saskatchewan 1,206,369 (1,093,332); Manitoba 3,643,212 (3,004,035); Ontario 2,138,533 (1,377,062) and Quebec 4,948,874 barrels (4,418,052). Manitoba totals include 2,993,905 barrels (2,548,592) transferred to Lakehead Pipe Line Co. at Gretna and 649,307 (455,443) delivered within the province.

Net receipts of oil for shipment by pipe line in Canada during July included 7,370,661 barrels of Alberta crude, 28,612 of Alberta natural gasoline, 32,097 of Manitoba crude, 4,890,921 of imported crude and 2,118,765 barrels of refinery products. Net receipts during July were much higher than net deliveries during the same month. Some 700,000 barrels of the indicated difference entered the trunk line of the Trans Mountain Oil Pipe Line Company as pipe line fill. This company, which is expected to commence delivering oil in British Columbia in October, started to fill their trunk line during July and will continue to test and fill the line by sections as each is completed.

During the first seven months of 1953 a total of 82,028,656 barrels were delivered out of Canadian pipe lines. This was 45.5 p.c. above the 56,362,583 barrels delivered in the like period of 1952. Seven month totals by provinces were (1952 data in brackets): Alberta 9,503,604 (8,615,641) barrels; Saskatchewan 8,069,390 (5,728,344); Manitoba 19,109,107 (14,270,150); Ontario 14,036,319 (609,131) and Quebec 31,310,236 barrels (27,138,317). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Co. at the United States border were 15,703,301 barrels (10,823,287). This oil, included in Manitoba totals, was destined principally for Ontario refineries after trans-shipment by lake tanker from Superior, Wisconsin.

A record daily average of 189,364 barrels was handled by gathering systems in July compared with 152,242 per day during the previous July. Trunk line deliveries rose from 394,291 barrels daily in July, 1952 to 503,849 each day in July, 1953. The month under review was the first in which trunk line deliveries averaged over half a million barrels daily. Traffic on trunk lines, as measured by barrel miles performed, was well above the 3,265 million recorded in the previous July and stood at 4,581 million barrel miles for the current July.

Employment data for the industry reveal that 930 persons earned \$ 335,462 in July of this year. These figures represented gains of 35.0 p.c. in employment and 40.5 p.c. in earnings over the 689 employees and earnings of \$ 238,839 in July of 1952. New pipelines account for most of the increased employment.

July deliveries by the Interprovincial Pipe Line Company rose sharply from 157,356 barrels daily in June and 137,529 per day the previous July to 173,184 barrels daily or a total of 5,368,692 barrels for the month. Confirming this increased movement, the Imperial Pipe Line Company's gathering system handled 156,990 barrels daily compared with 135,738 per day in June. Deliveries of the Montreal Pipe Line Co. during July were 4,948,874 barrels and reflected the continued high volume of refining activity in the Montreal area.

^x Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$ 1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table:

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first seven months of 1953, per table 6	117,870,064
Received into Trunk Lines from Other Canadian Pipe Lines	34,889,769
"Net Received" into Canadian Pipe Line Systems	82,980,295
"Net Received" into Trunk Systems per table 1	52,311,390
"Net Received" into Gathering Systems per table 2	30,668,905
Total Delivered out of Systems - all companies -	
during first seven months of 1953, per table 6	116,944,013
Delivered to other Canadian Pipe Lines	34,915,357
"Net Delivered" from Canadian Pipe Line Systems	82,028,656
"Net Delivered" from Trunk Systems per table 1	76,003,270
"Net Delivered" from Gathering Systems per table 2	6,025,386

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the seven month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1953

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to July 31, 1953	30,668,905	
Received into Trunk Systems January 1 to July 31, 1953	90,400,142	121,069,047
Total oil accountable for period		124,241,977
Delivered from Gathering Systems January 1 to July 31, 1953	30,628,932	
Delivered from Trunk Systems January 1 to July 31, 1953	89,514,064	120,142,996
Balance to be accounted for at July 31, 1953		4,098,981
Oil consumed as fuel and losses		159,235
Balance on hand - July 31, 1953		3,939,746
x Total Shippers Balances - July 31, 1953	3,506,536	
Total Carriers Balances - July 31, 1953	433,210	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sum Pipe Line Co. Fuel and Other Refined Oil
	<u>Barrels</u>	<u>Barrels</u>
July, 1952	516,282	45,086
June, 1953	306,834	81,440
July, 1953	1,290	38,923
Year to Date 1953 (7 months)	4,685,024	375,439

x Includes 480,901 barrels loaned to Trans Mountain Oil Pipe Line Company for Pipe Line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	July 1 9 5 3	x June 1 9 5 3	x July 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received & (2+3+4+5)</u>	16,467,836	14,216,837	12,112,151	96,400,142
Less: Received from other Canadian pipe lines -				
2. Own gathering system	591,669	620,982	1,982,233	3,198,983
3. Other pipe lines - Gathering	2,547,185	2,161,572	2,606,120	13,076,932
4. Trunk	4,751,440	3,494,817	2,274,209	21,812,837
5. Net Received (6+7+8)	8,577,542	7,939,466	5,249,589	52,311,888
6. Originating on own trunk lines	3,654,524	3,136,604	495,591	20,729,540
7. Received from foreign pipe line connections	4,890,921	4,780,765	4,408,373	31,349,349
8. Received from other carriers (rail & truck)	32,097	22,097	345,625	232,501
9. <u>Total Delivered & (10+11)</u>	15,619,309	14,207,643	12,223,033	89,514,064
10. Less: Delivered to other Canadian trunk lines	3,058,556	2,222,074	2,270,890	13,510,794
11. Net Delivered (12+13+14)	12,560,753	11,985,569	9,952,143	76,003,270
12. Terminated on own trunk lines	9,566,673	9,055,126	7,403,551	60,299,794
13. Delivered to foreign pipe line connections	2,993,905	2,930,443	2,548,592	15,703,301
14. Delivered to other carriers (rail & truck)	175	-	-	175

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	July 1 9 5 3	June 1 9 5 3	x July 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,873,454	5,022,164	4,739,929	30,668,905
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	5,873,454	5,022,164	4,739,929	30,668,905
18. Originating on own gathering system	5,695,812	4,904,551	4,723,877	29,877,252
19. Received from other carriers (rail & truck)	177,642	117,613	16,052	791,653
20. <u>Total Delivered & (21+22+23)</u>	5,870,273	5,029,848	4,719,478	30,668,905
Less: Delivered to other pipe lines -				
21. Own Trunk System	591,669	620,982	1,982,233	3,198,983
22. Other pipe lines	4,265,954	3,430,273	2,603,129	21,404,563
23. Net Delivered (24+25)	1,012,650	978,593	134,116	6,025,386
24. Terminated on gathering systems	890,857	811,862	52,507	5,082,271
25. Delivered to other carriers (rail & truck)	121,793	166,731	81,609	943,115

- * Includes duplications.
 † Includes natural gasoline and products.
 ‡ Includes natural gasoline.
 X Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	July 1 9 5 3	x June 1 9 5 3	x July 1 9 5 2	YEAR TO DATE 1 9 5 3
Alberta (1) - Gathering	Barrels 5,873,454	Barrels 5,022,164	Barrels 4,739,929	Barrels 30,668,905
- Trunk	1,525,819	1,192,217	702,832	6,711,322
Manitoba - Trunk	32,097	22,097	-	232,501
Ontario (2) - Trunk	864,634	766,459	137,062	7,194,320
Quebec (3) - Trunk	6,154,992	5,958,693	4,418,052	38,173,247
Net Received - Trunk	8,577,542	7,939,466	5,249,589	52,311,390
Total	14,450,996	12,961,630	9,989,518	82,980,295

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	July 1 9 5 3	June 1 9 5 3	x July 1 9 5 2	YEAR TO DATE 1 9 5 3
Alberta (1) - Gathering	Barrels 1,012,650	Barrels 978,593	Barrels 134,116	Barrels 6,025,386
Trunk	623,765	563,062	1,299,662	3,478,218
Saskatchewan - Trunk	1,206,369	1,260,515	1,093,332	8,069,390
Manitoba / - Trunk	3,643,212	3,464,339	3,004,035	19,109,107
Ontario (2) - Trunk	2,138,533	1,944,093	137,062	14,036,319
Quebec - Trunk	4,948,874	4,753,560	4,418,052	31,310,236
Net Delivered- Trunk	12,560,753	11,985,569	9,952,143	76,003,270
Total	13,573,403	12,964,162	10,086,259	82,028,656
/ Including deliveries to U.S. pipe lines at Gretna, Man.	2,993,905	2,930,443	2,548,592	15,703,301

TABLE 5

OPERATING STATISTICS

	July 1 9 5 3	June 1 9 5 3	x July 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	189,364	167,661	152,242	144,476
Trunk Lines "	503,849	473,588	394,291	422,236
Total Barrel Miles (Trunk Lines) Millions	4,581	4,230	3,265	24,979
Average Miles per Barrel (Trunk Lines) Miles	293.3	297.8	267.0	279.1
Employees and Earnings (6)				
Average Number (4) No.	930	917	689	898
Total Salaries and Wages \$	335,462	332,473	238,839	2,248,707
Man Hours Worked by Wage Earners (5) (6) Hours	50,833	47,865	46,093	339,921

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES
JULY, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC			<u>Barrels</u>		
<u>Total Received into System</u>				(2)	
This month (July, 1953)	4,854,926	5,564,573	4,890,921	6,439,201	21,749,621
This year (7 months)	25,157,362	28,010,866	31,349,349	33,352,487	117,870,064
<u>Total Delivered out of System</u>				(4)	
This month (July, 1953)	4,866,705	5,368,692	4,948,874	5,713,642	20,897,913
This year (7 months)	25,154,970	27,928,573	31,310,236	32,550,234	116,944,013
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (July, 1953)	156,990	-	-	32,374	189,364
This year (7 months)	118,656	-	-	25,820	144,476
<u>Trunk Lines</u>					
This month (July, 1953)	-	173,184	159,641	171,024	503,849
This year (7 months)	-	131,739	147,690	142,807	422,236
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (July, 1953)	-	3,497	364	720	4,581
This year (7 months)	-	18,492	2,304	4,183	24,979
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (July, 1953)	-	651.0	73.6	135.8	293.3
This year (7 months)	-	662.0	73.6	138.2	279.1

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
			<u>Number</u>		
EMPLOYEES AND EARNINGS					
Number of employees (July, 1953)	228	362	51	289	930
			<u>Dollars</u>		
<u>Salaries and Wages</u>					
This month (July, 1953)	78,543	136,181	17,072	103,666	335,462
This year (7 months)	514,072	883,201	103,611	747,823	2,248,707
			<u>Hours</u>		
<u>Man Hours Worked by Wage Earners</u>					
This month (July, 1953)	29,699	847	2,451	17,836	50,833
This year (7 months)	194,786	5,860	7,941	131,334	339,921

- (1) Anglo-Canadian Oils Limited
B.A. Alberta Pipe Line Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Co. Limited
Imperial Oil Ltd. - Sarnia Products Pipe Line Division
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company Limited
Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

- (6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

- (2) Includes 2,128,705 bbls. products and 28,612 bbls. natural gasoline
(3) " 14,018,218 " " " 267,329 " " "
(4) " 2,138,533 " " " 33,161 " " "
(5) " 14,036,319 " " " 265,969 " " "

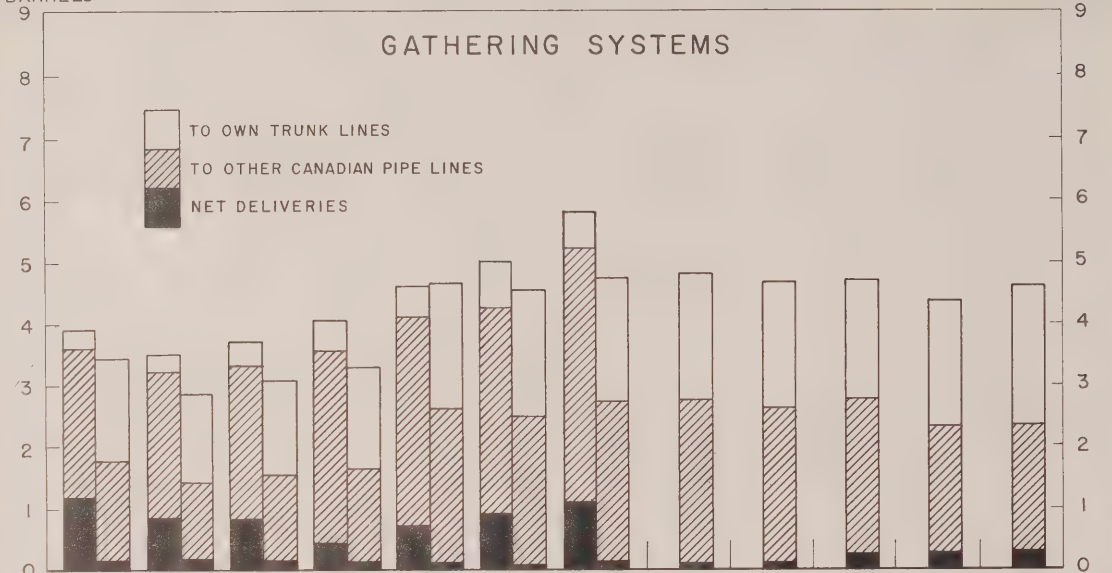
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

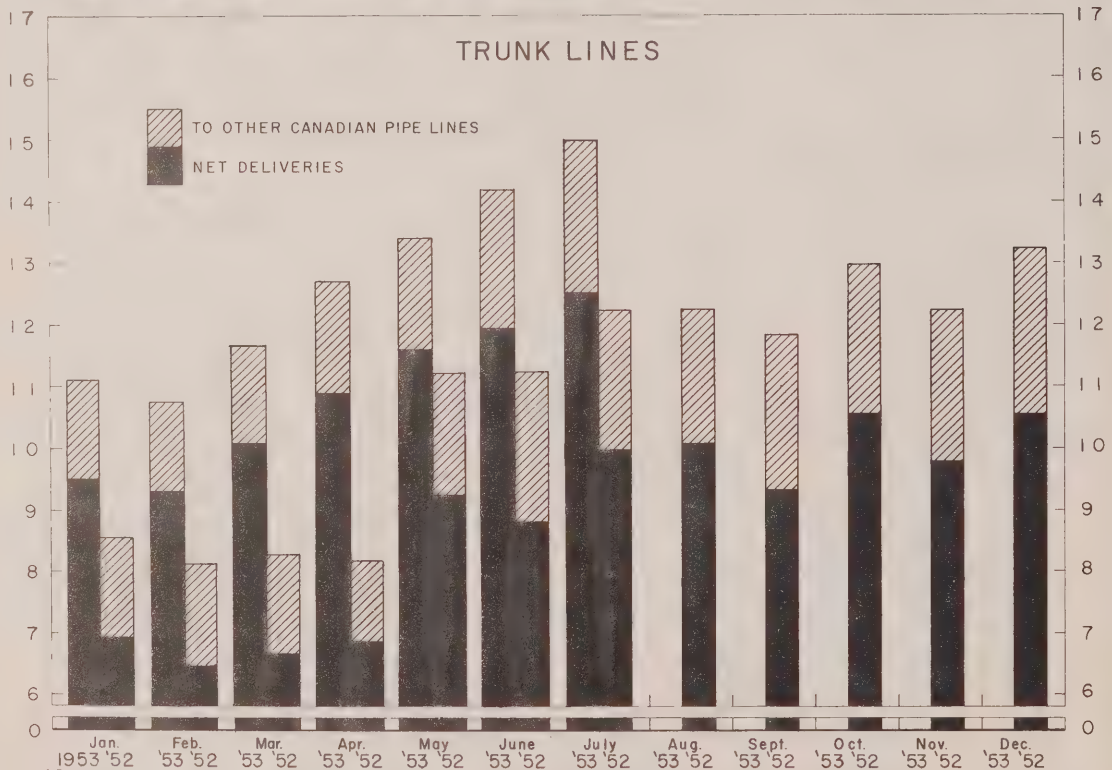
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

TRANS. & PUBLIC UTIL. STATISTICS FILE # 1
UNIVERSITY OF TORONTO
ECONOMICS
D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 8

PIPE LINES (OIL) STATISTICS

8504-608
23-11-53

AUGUST, 1953.

Net deliveries of oil from Canadian pipe lines during August dropped to a daily average of 387,420 barrels, a decrease of 50,629 barrels or 11.5 p.c. from the record set in July, but an increase of 17.7 p.c. over the daily average of 329,096 barrels in August 1952. The July figures in this report have been revised to include the Amurex Oil Development Company which commenced operation in that month in the province of Alberta.

Total net deliveries of 12,010,032 barrels were 1,569,485 below the July figure, but 1,808,051 barrels above August 1952. Compared with last year net deliveries were higher in all provinces except Quebec, the provincial totals being as follows (1952 data in brackets): Alberta, 1,500,966 barrels (1,339,647); Saskatchewan, 1,181,273 (1,096,385); Manitoba, 3,730,413 (3,070,351); Ontario, 2,257,596 (132,384); and Quebec, 4,338,784 (4,563,214). Manitoba totals include 3,125,203 barrels (2,525,599) transferred to the Lakehead Pipe Line Company at Gretna and 605,210 barrels (544,752) delivered within the province.

Net receipts of oil for shipment by pipe line in Canada during August included 7,474,892 barrels of Alberta crude, 28,126 barrels of Alberta natural gasoline, 50,907 barrels of Manitoba crude, 4,327,868 of imported crude, and 2,284,245 barrels of refinery products. Although net receipts were down by 2 p.c. from the July figure due to a drop in imports of some 560,000 barrels, the total of 14,166,038 barrels was more than 2 million higher than the net deliveries. Over 800,000 barrels of this difference entered the trunk line of the Trans Mountain Oil Pipe Line Company as pipe line fill.

During the eight months, January to August, a total of 95,044,802 barrels was delivered from Canadian pipe lines. This was an increase of 43 p.c. over the 66,564,564 barrels delivered in the corresponding period of 1952. Provincial totals for the eight months were as follows (1952 data in brackets): Alberta, 11,010,684 barrels (9,955,288); Saskatchewan, 9,250,663 (6,824,729); Manitoba, 22,839,520 (17,340,501); Ontario, 16,293,915 (741,515), and Quebec, 35,650,020 (31,702,531). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company at the United States border amounted to 18,828,504 barrels (13,348,886). Most of this oil was destined to Ontario refineries, being transferred to lake tanker at Superior, Wisconsin.

Deliveries from gathering systems reached a new record with an average of 189,569 barrels per day, compared with 155,981 barrels in August, 1952. Trunk line deliveries, however, dropped from a high of 503,849 barrels per day in July to 484,064 barrels in August and compare with a daily average of 404,204 barrels in the corresponding month last year. Traffic on trunk lines, measured in barrel miles, stood at 4,293 million in August compared with 4,581 million in July and 2,370 million in August, 1952.

Employees numbered 940 for the month of August, an increase of 34 p.c. over the 701 employees recorded in the same month last year, while earnings were up 41 p.c. at \$343,705 compared with \$243,262 in 1952.

The Interprovincial Pipe Line Company maintained its lead in volume of deliveries with a record of 5,407,067 barrels for the month of August, or an average of 174,422 barrels per day. The Imperial Pipe Line Company also increased its daily average from 156,990 barrels in July to 159,517 in August. Deliveries of the Montreal Pipe Line, however, dropped from a daily average of 159,641 barrels in July to 139,993 barrels in August, total deliveries for the month at 4,339,784 barrels being some 600,000 below the July figure of 4,948,874 barrels.

- ★ Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table:

Total Received into Systems - all companies -	Barrels
during first eight months of 1953, per table 6	139,422,626
Received into Trunk Lines from Other Canadian Pipe Lines	42,268,841
"Net Received" into Canadian Pipe Line Systems	97,153,785
"Net Received" into Trunk Systems per table 1	60,511,031
"Net Received" into Gathering Systems per table 2	36,642,754
Total Delivered out of Systems - all companies -	
during first eight months of 1953, per table 6	137,345,639
Delivered to other Canadian Pipe Lines	42,300,837
"Net Delivered" from Canadian Pipe Line Systems	95,044,802
"Net Delivered" from Trunk Systems per table 1	88,005,467
"Net Delivered" from Gathering Systems per table 2	7,039,336

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the eight month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to August 31, 1953	36,642,754	
Received into Trunk Systems January 1 to August 31, 1953	106,465,883	143,108,737
Total oil accountable for period		146,281,667
Delivered from Gathering Systems January 1 to August 31, 1953	36,511,699	
Delivered from Trunk Systems January 1 to August 31, 1953	104,520,051	141,031,750
Balance to be accounted for at August 31, 1953		5,249,917
Oil consumed as fuel and losses		211,401
Balance on hand - August 31, 1953		5,038,516
x Total Shippers Balances - August 31, 1953	4,340,011	
Total Carriers Balances - August 31, 1953	698,505	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
August, 1952	386,557	47,436
July, 1953	1,290	38,923
August, 1953	-	138,854
Year to Date 1953 (8 months)	4,685,024	514,293

x Includes 1,074,933 barrels loaned to Trans Mountain Oil Pipe Line Company for Pipe Line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	August 1953	July 1953	August 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5) Less: Received from other Canadian pipe lines -	16,065,841	16,467,836	12,514,884	106,466,983
2. Own gathering system	487,128	591,669	2,034,450	3,686,111
3. Other pipe lines - Gathering	2,592,191	2,547,185	2,683,513	15,669,123
4. Trunk	4,786,881	4,751,440	2,448,566	26,599,718
5. Net Received (6+7+8)	8,199,641	8,577,542	5,348,355	60,511,031
6. Originating on own trunk lines	3,820,866	3,654,524	524,420	24,350,406
7. Received from foreign pipe line connections	4,327,868	4,890,921	4,863,041	35,677,217
8. Received from other carriers (rail & truck)	50,907	32,097	260,894	283,408
9. Total Delivered * (10+11)	15,005,987	15,619,309	12,530,329	104,520,051
10. Less: Delivered to other Canadian trunk lines	3,003,750	3,058,556	2,448,744	16,514,884
11. Net Delivered (12+13+14)	12,002,197	12,560,753	10,081,605	88,005,467
12. Terminated on own trunk lines	8,576,994	9,566,573	7,556,006	69,176,786
13. Delivered to foreign pipe line connections	3,125,203	2,993,905	2,525,599	18,828,504
14. Delivered to other carriers (rail & truck)	-	175	-	175

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	August 1953	x July 1953	x August 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	5,966,397	5,880,906	4,833,001	36,642,754
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	5,966,397	5,880,906	4,833,001	36,642,754
18. Originating on own gathering system	5,833,819	5,703,264	4,819,780	35,718,523
19. Received from other carriers (rail & truck)	132,578	177,642	13,221	924,231
20. Total Delivered * (21+22+23)	5,876,653	5,876,387	4,835,402	36,511,699
Less: Delivered to other pipe lines -				
21. Own Trunk System	487,128	591,669	2,034,450	3,686,111
22. Other pipe lines	4,381,690	4,265,954	2,680,576	25,786,253
23. Net Delivered (24+25)	1,007,835	1,018,764	120,376	7,039,335
24. Terminated on gathering systems	844,615	890,857	33,222	5,926,000
25. Delivered to other carriers (rail & truck)	163,220	127,907	87,154	1,112,445

- * Includes duplications.
- / Includes natural gasoline and products.
- p Includes natural gasoline.
- x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	August 1 9 5 3	x July 1 9 5 3	x August 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,966,397	5,880,906	4,833,001	36,642,754
- Trunk	1,536,621	1,525,819	652,073	8,247,943
Manitoba - Trunk	50,907	32,097	-	283,408
Ontario (2) - Trunk	1,089,031	864,634	133,241	8,283,351
Quebec (3) - Trunk	5,523,082	6,154,992	4,563,041	43,696,329
Net Received - Trunk	8,199,641	8,577,542	5,348,355	60,511,031
Total	14,166,038	14,458,448	10,181,356	97,153,785

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	August 1 9 5 3	x July 1 9 5 3	x August 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	1,007,835	1,018,764	120,376	7,039,335
Trunk	493,131	623,765	1,219,271	3,971,349
Saskatchewan - Trunk	1,181,273	1,206,369	1,096,385	9,250,663
Manitoba / - Trunk	3,730,413	3,643,212	3,070,351	22,839,520
Ontario (2) - Trunk	2,257,596	2,138,533	132,384	16,293,915
Quebec - Trunk	4,339,784	4,948,874	4,563,214	35,650,020
Net Delivered- Trunk	11,002,197	12,560,753	10,081,605	88,005,467
Total	12,010,032	13,579,517	10,201,981	95,044,802
/ Including deliveries to U.S. pipe lines at Gretna, Manitoba	3,125,203	2,993,905	2,525,599	18,828,504

TABLE 5

OPERATING STATISTICS

	August 1 9 5 3	July 1 9 5 3	x August 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	189,569	x 189,561	165,981	150,253
Trunk Lines "	484,064	503,849	404,204	430,124
Total Barrel Miles (Trunk Lines) Millions	4,293	4,581	3,370	29,272
Average Miles per Barrel (Trunk Lines) Miles	286.1	293.3	269.0	280.1
Employees and Earnings (6)				
Average Number (4) No.	940	930	701	904
Total Salaries and Wages \$	343,705	335,462	243,262	2,592,412
Man Hours Worked by Wage Earners (5) (6) Hours	51,398	50,833	42,979	391,319

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

x Revised

(5) Includes overtime.

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES
AUGUST, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC					
<u>Total Received into System</u>			<u>BARRELS</u>		
This month (August, 1953)	4,991,405	5,544,557	4,327,868	(2) 6,681,280	21,545,110
This year (8 months)	30,148,767	33,555,423	35,677,217	(3) 40,041,219	139,422,626
<u>Total Delivered out of System</u>					
This month (August, 1953)	4,945,027	5,407,067	4,339,784	(4) 5,703,634	20,395,512
This year (8 months)	30,099,997	33,335,640	35,650,020	(5) 38,259,982	137,345,639
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (August, 1953)	159,517	-	-	30,052	189,569
This year (8 months)	123,868	-	-	26,385	150,253
<u>Trunk Lines</u>					
This month (August, 1953)	-	174,422	139,993	169,649	484,064
This year (8 months)	-	137,184	146,708	146,232	430,124
<u>Total Barrel Miles</u>			<u>MILES</u>		
(Trunk Lines - in millions)					
This month (August, 1953)	-	3,282	318	693	4,293
This year (8 months)	-	21,774	2,621	4,877	29,272
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (August, 1953)	-	611.0	73.2	131.8	286.1
This year (8 months)	-	653.0	73.5	137.3	280.1

Revenues and Employees	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			<u>DOLLARS</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
EMPLOYEES AND EARNINGS			<u>NUMBERS</u>		
Number of employees (August, 1953)	227	370	54	289	940
<u>Salaries and Wages</u>			<u>DOLLARS</u>		
This month (August, 1953)	77,825	139,887	18,482	107,511	343,705
This year (8 months)	591,897	1,023,088	122,093	855,334	2,592,412
<u>Man Hours Worked by Wage Earners</u>			<u>HOURS</u>		
This month (August, 1953)	28,196	1,377	3,183	18,642	51,398
This year (8 months)	222,982	7,237	11,124	149,976	391,319

- (1) Amurex Oil Development Company
Anglo-Canadian Oils Limited
B.A. Alberta Pipe Line Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Co. Limited
Imperial Oil Ltd. - Sarnia Products Pipe Line Division
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company Limited
Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

- (6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

- (2) Includes 2,284,245 bbls. products and 28,126 bbls. natural gasoline
(3) " 16,502,463 " " 295,455 " " "
(4) " 2,257,596 " " 25,263 " " "
(5) " 16,293,915 " " 291,232 " " "

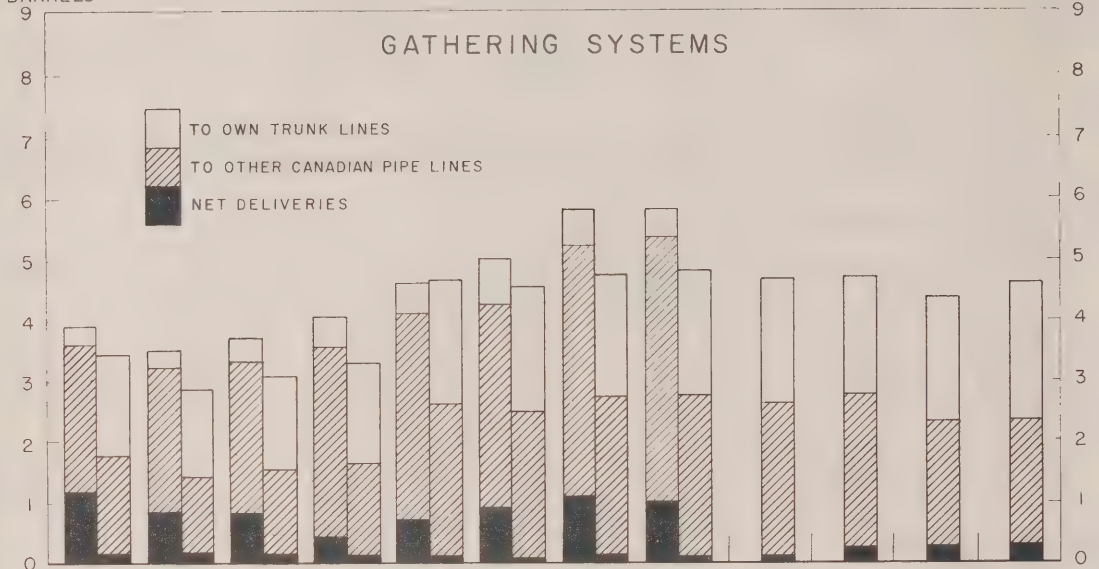
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

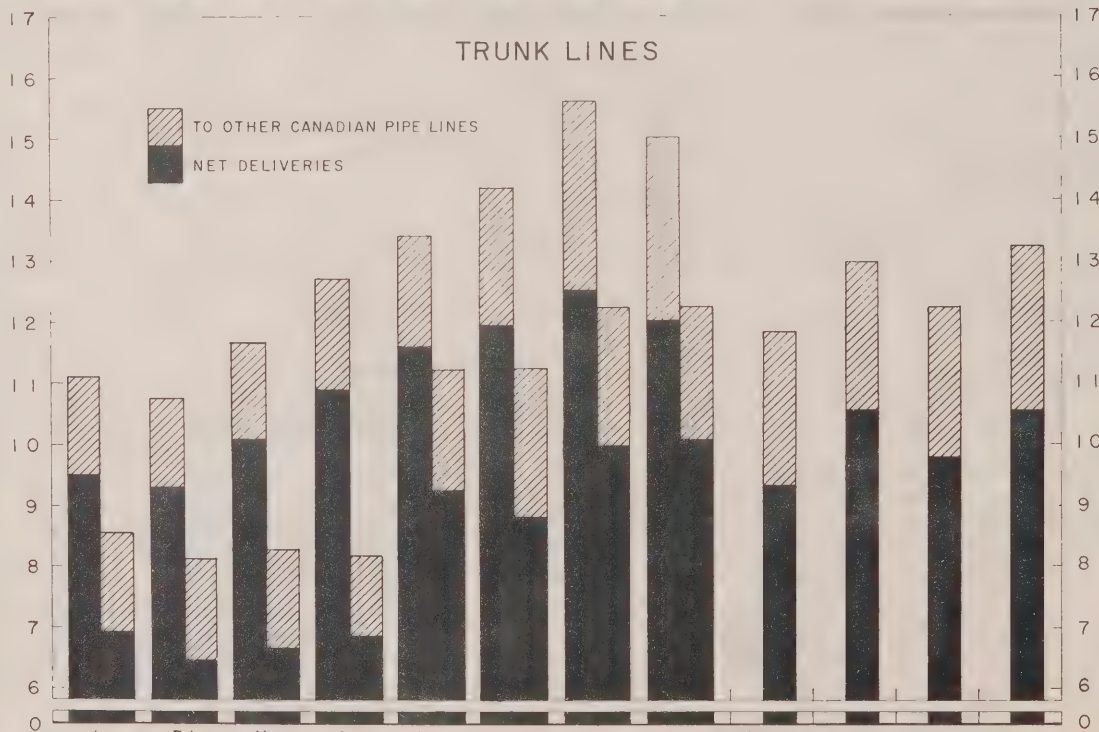
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

TRANS. & PUB. BAC. METRICS FILE 'P'

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 9

PIPE LINES (OIL) STATISTICS

8504-508
16-12-53SEPTEMBER, 1953

Oil pipe lines in Canada delivered a net average of 400,530 barrels per day during the month of September compared with an average of 419,678 barrels in August and 316,506 barrels in September, 1952.

Total net deliveries for the month amounted to 12,015,897 barrels, a decrease of 7.6 p.c. from the month of August, but an increase of 26.5 p.c. over September, 1952. All provinces except Quebec continued to show increases over last year, the provincial totals being as follows (1952 data in brackets): Alberta, 1,732,944 barrels (1,484,876); Saskatchewan, 1,189,179 (1,046,607); Manitoba, 2,907,790 (2,382,429); Ontario, 1,991,512 (175,306), and Quebec, 4,194,472 (4,405,960). Manitoba totals include 2,367,022 barrels (1,769,242) transferred to the Lakehead Pipe Line Company at Grétna and 540,768 (613,187) delivered within the province.

Included in the net receipts of oil for pipe line shipment during September were 7,265,387 barrels of Alberta crude, 31,352 of Alberta natural gasoline, 55,926 of Manitoba crude, 4,257,008 imported crude and 1,996,565 barrels of refinery products. Total net receipts of 13,606,238 barrels were down 559,800 barrels from the August figure of 14,166,038 but 36 p.c. above September last year. Receipts for the nine month period show an increase of 44 p.c. over the corresponding period of last year.

Deliveries for the nine months, January to September, amounted to 107,060,699 barrels. This was an increase of 41 p.c. over deliveries of 76,059,742 barrels recorded in the same period of 1952. Provincial totals for the nine months were as follows (1952 data in brackets): Alberta 12,743,628 barrels (11,440,164); Saskatchewan 10,439,842 (7,871,336); Manitoba 25,747,310 (19,722,930); Ontario 18,285,427 (916,821) and Quebec 39,844,492 (36,108,491). The Manitoba deliveries included 21,195,526 barrels (15,118,128) transferred to the Lakehead Pipe Line Company at the United States border, destined principally to Ontario refineries via lake tanker.

Gathering systems handled an average of 183,533 barrels per day, a drop of 6,036 barrels from August, but well above the September 1952 average of 157,016 barrels. Trunk line deliveries also dropped from 484,064 barrels per day in August to 457,448 in September, but recorded an increase of 16 p.c. over September, 1952.

The average length of haul for trunk lines in September was 274.3 miles, compared with 234.8 miles in September last year. Traffic movement through trunk lines, measured in barrel miles, dropped to 3,764 million in September from 4,293 in August, but was 35 p.c. above the September 1952 figure.

Employees numbered 932 in September, an increase of 35 p.c. over the 690 reported in the same month last year. Earnings also rose from \$243,142 in September 1952 to \$337,723, or by 39 p.c.

Operating revenues for the third quarter of 1953 amounted to \$3,267,545, an increase of 8 p.c. over \$7,661,972 earned in the second quarter. For the nine months ending September, revenues stood at \$21,072,795 as compared with \$15,407,583 in the corresponding period last year.

The three major systems reported declines in both receipts and deliveries for the month of September, but for the nine month period results were well above 1952. The Imperial Pipe Line Company handled a daily average of 126,798 barrels through its gathering system, compared with 110,806 barrels in the same period of 1952. The Interprovincial Pipe Line Company delivered a total of 37,534,962 barrels up to the end of September compared with 29,584,748 barrels in the same period of 1952, raising the daily average from 107,974 barrels in 1952 to 137,491 in 1953. Total barrel miles for this company also increased, rising from 19,099 million in the nine month period of 1952 to 24,554 million in 1953. Deliveries of the Montreal Pipe Line Company in the same period rose from 36,108,491 in 1952 to 39,844,492 in 1953, the daily average moving up from 131,782 barrels in 1952 to 145,951 in 1953.

- * Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. Revenue and employee data for the pipe line are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report. Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first nine months of 1953, per table 6	159,642,482
Received into Trunk Lines from Other Canadian Pipe Lines.....	48,882,459
"Net Received" into Canadian Pipe Line Systems	110,760,023
"Net Received" into Trunk Systems per table 1	68,567,471
"Net Received" into Gathering Systems per table 2	42,192,552
 Total Delivered out of Systems - all companies -	
during first nine months of 1953, per table 6	155,978,600
Delivered to other Canadian Pipe Lines	48,917,901
"Net Delivered" from Canadian Pipe Line Systems	107,060,699
"Net Delivered" from Trunk Systems per table 1	98,831,205
"Net Delivered" from Gathering Systems per table 2	8,229,494

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the nine month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1953

	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353
Total Carriers Balances - January 1, 1953	173,577
Received into Gathering Systems January 1 to September 30, 1953	42,192,552
Received into Trunk Systems January 1 to September 30, 1953	121,732,523
Total oil accountable for Period	163,925,075
Delivered from Gathering Systems January 1 to September 30, 1953	167,098,005
Delivered from Trunk Systems January 1 to September 30, 1953	42,017,692
Balance to be accounted for at September 30, 1953	118,243,501
Oil consumed as fuel and losses	160,261,193
Balance on hand - September 30, 1953	6,836,812
Total Shippers Balances - September 30, 1953	247,107
Total Carriers Balances - September 30, 1953	6,589,705
Total Shippers Balances - September 30, 1953	5,541,038
Total Carriers Balances - September 30, 1953	1,048,667

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
September, 1952	255,314	57,977
August, 1953	-	138,854
September, 1953	-	190,685
Year to Date 1953 (9 months)	4,685,024	704,978

X Includes 1,778,400 barrels loaned to Trans Mountain Oil Pipe Line Company for Pipe line fill.

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	SEPTEMBER 1 9 5 3	AUGUST 1 9 5 3	SEPTEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	15,266,540	16,065,841	12,368,111	121,732,523
Less: Received from other Canadian pipe lines -				
2. Own gathering system	596,482	487,128	2,032,323	4,282,593
3. Other pipe lines - Gathering	2,123,187	2,592,191	2,507,876	17,792,310
4. Trunk	4,490,431	4,786,881	2,522,122	31,090,149
5. <u>Net Received (6+7+8)</u>	8,056,440	8,199,641	5,305,790	68,567,471
6. Originating on own trunk lines	3,743,506	3,820,866	632,989	28,293,912
7. Received from foreign pipe line connections	4,257,008	4,327,868	4,396,989	39,934,225
8. Received from other carriers (rail & truck)	55,926	50,907	275,812	339,334
9. <u>Total Delivered * (10+11)</u>	13,723,450	15,005,987	11,847,256	118,243,501
10. Less: Delivered to other Canadian trunk lines	2,897,712	3,003,790	2,525,158	19,412,296
11. <u>Net Delivered (12+13+14)</u>	10,825,738	12,002,197	9,322,098	98,831,205
12. Terminated on own trunk lines	8,458,716	8,876,994	7,552,856	77,635,504
13. Delivered to foreign pipe line connections	2,367,022	3,125,203	1,769,242	21,195,526
14. Delivered to other carriers (rail & truck)	-	-	-	175

TABLE 2

OIL[/] CARRIED BY PIPE LINES - GATHERING

	SEPTEMBER 1 9 5 3	AUGUST 1 9 5 3	^x SEPTEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,549,798	5,966,397	4,707,137	42,192,552
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	5,549,798	5,966,397	4,707,137	42,192,552
18. Originating on own gathering system	5,410,735	5,833,819	4,696,138	41,129,258
19. Received from other carriers (rail & truck)	139,063	132,578	10,999	1,063,294
20. <u>Total Delivered * (21+22+23)</u>	5,505,993	5,876,653	4,710,449	42,017,692
Less: Delivered to other pipe lines -				
21. Own Trunk system	596,482	487,128	2,032,323	4,282,593
22. Other pipe lines	3,719,352	4,381,690	2,505,046	29,505,605
23. <u>Net Delivered (24+25)</u>	1,190,159	1,007,835	173,080	8,229,494
24. Terminated on gathering systems	899,066	844,615	40,010	6,825,952
25. Delivered to other carriers (rail & truck)	291,093	163,220	133,070	1,403,542

[/] Includes natural gasoline and products

* Includes duplications

[/] Includes natural gasoline

^x Revised

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	SEPTEMBER 1 9 5 3	AUGUST 1 9 5 3	*SEPTEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,549,798	5,966,397	4,707,137	42,192,552
- Trunk	1,746,941	1,536,621	733,423	9,994,884
Manitoba - Trunk	55,926	50,907	-	339,334
Ontario (2) - Trunk	926,812	1,089,031	175,378	9,210,163
Quebec (3) - Trunk	5,326,761	5,523,082	4,396,989	49,023,090
Net Received - Trunk	8,056,440	8,199,641	5,305,790	68,567,471
Total	13,606,238	14,166,038	10,012,927	110,760,023

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province	SEPTEMBER 1 9 5 3	AUGUST 1 9 5 3	*SEPTEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	1,190,159	1,007,835	173,080	8,229,494
Trunk	542,785	493,131	1,311,796	4,514,134
Saskatchewan - Trunk	1,189,179	1,181,273	1,046,607	10,439,842
Manitoba / - Trunk	2,907,790	3,730,413	2,382,429	25,747,310
Ontario (2) - Trunk	1,991,512	2,257,596	175,306	18,285,427
Quebec - Trunk	4,194,472	4,339,784	4,405,960	39,844,492
Net Delivered- Trunk	10,825,738	x 12,002,197	9,322,098	98,831,205
Total	12,015,897	x 13,010,032	9,495,178	107,060,699
/ Including deliveries to U.S. pipe lines at Gretna, Man.	2,367,022	3,125,203	1,769,242	21,195,526

TABLE 5 OPERATING STATISTICS

	SEPTEMBER 1 9 5 3	AUGUST 1 9 5 3	*SEPTEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	183,533	189,569	157,016	153,911
Trunk Lines "	457,448	484,064	394,908	433,126
Total Barrel Miles (Trunk Lines) Millions	3,764	4,293	2,782	33,036
Average Miles per Barrel (Trunk Lines) Miles	274.3	286.1	234.8	279.4
Employees and Earnings (6)				
Average Number (4) No.	932	940	690	906
Total Salaries and Wages \$	337,723	343,705	243,142	2,930,135
Man Hours Worked by Wage Earners (5) (6) Hours	49,273	51,398	42,024	440,592

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

SEPTEMBER, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC</u> Ø			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (September, 1953)	4,532,158	4,599,646	4,257,008	(2) 6,831,044	20,219,856
This year (9 months)	34,680,925	38,155,069	39,934,225	(3) 46,872,263	159,642,482
<u>Total Delivered out of System</u>					
This month (September, 1953)	4,515,772	4,199,322	4,194,472	(4) 5,637,582	18,547,148
This year (9 months)	34,615,769	37,534,962	39,844,492	(5) 43,983,377	155,978,600
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (September, 1953)	150,526	-	-	33,007	183,533
This year (9 months)	126,798	-	-	27,113	153,911
<u>Trunk Lines</u>					
This month (September, 1953)	-	139,977	139,816	177,655	457,448
This year (9 months)	-	137,491	145,951	149,684	433,126
<u>Total Barrel Miles</u>					
<u>(Trunk Lines - in millions)</u>					
This month (September, 1953)	-	2,780	308	676	3,764
This year (9 months)	-	24,554	2,929	5,553	33,036
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (September, 1953)	-	662.0	73.3	126.8	274.3
This year (9 months)	-	654.0	73.5	135.9	279.4
<u>Revenues and Employees</u>					
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<u>OPERATING REVENUES</u>			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
Nine months ending September 30, 1953	2,862,109	11,022,755	1,367,437	(7) 5,820,494	21,072,795
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>		
Number of employees (September, 1953)	220	370	53	289	932
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (September, 1953)	78,196	143,576	19,889	96,062	337,723
This year (9 months)	670,093	1,166,664	141,982	951,396	2,930,135
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (September, 1953)	28,261	855	4,035	16,122	49,273
This year (9 months)	251,243	8,092	15,159	166,098	440,592

- (1) Amurex Oil Development Company
Anglo-Canadian Oils Limited
B. A. Alberta Pipe Line Limited
B. A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Co. Limited
Imperial Oil Ltd. - Sarnia Products Pipe Line Division
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company Limited
Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

- (6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

(7) Includes Amurex Oil Development Co.

- (2) Includes 1,996,565 bbls. products and 31,352 bbls. natural gasoline
(3) " 18,299,028 " " " 326,807 " " "
(4) " 1,991,512 " " " 31,727 " " "
(5) " 18,285,427 " " " 322,959 " " "

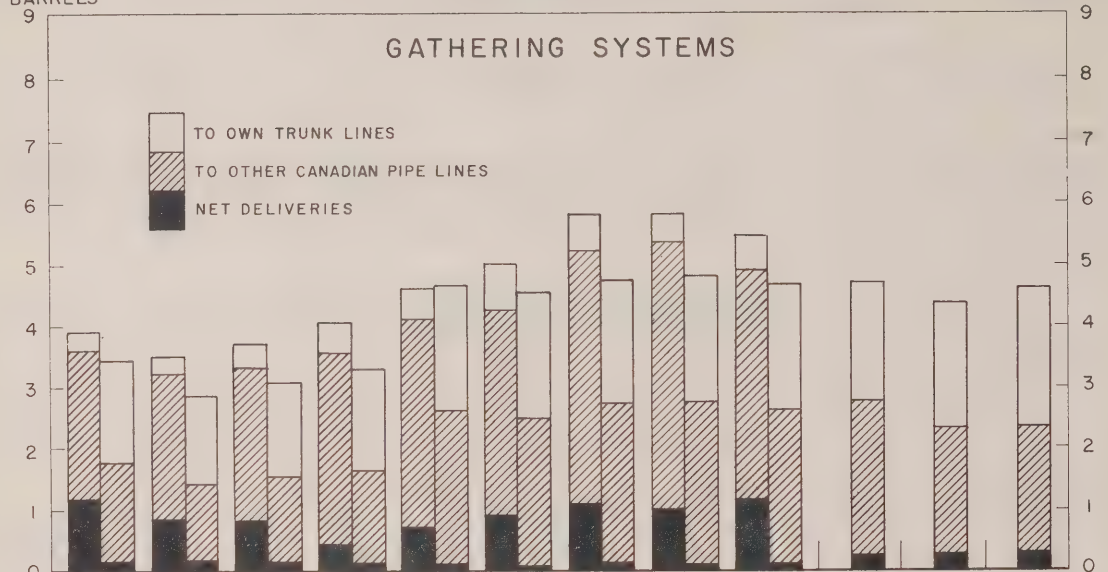
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

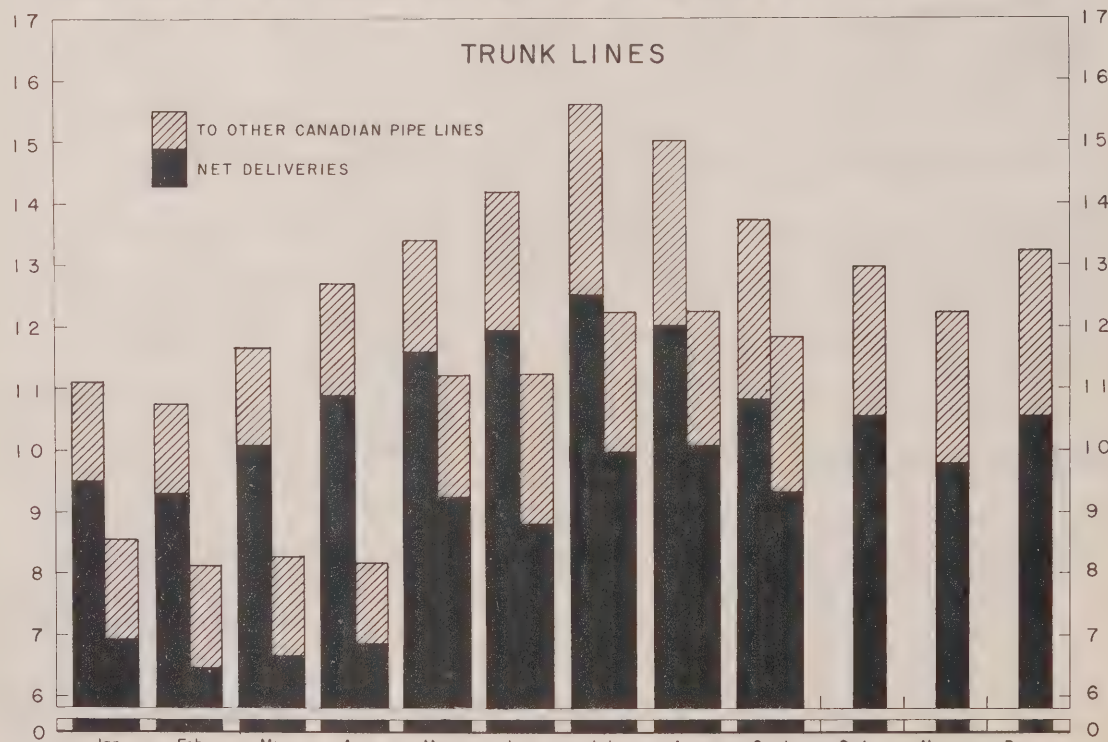
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries

TRANS. & PUB. UTIL. FILES - METRICS FILE 'P'
UNIVERSITY OF TORONTO

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 10

PIPE LINES (OIL) STATISTICS

8504-508
15-1-54

OCTOBER, 1952

The month of October saw the official opening of the Trans Mountain Oil Pipe Line Company's main line between Edmonton, Alta. and Burnaby, adjoining Vancouver, B. C. This line, 718 miles in length, crossing the Canadian Rockies to the Pacific coast, took nineteen months to build and makes available a new source of crude oil to the markets of the Pacific northwest. In Ontario the Sun-Canadian Pipe Line Company, Ltd. opened a line carrying refined products from Sarnia to Toronto.

Total deliveries from oil pipe lines in Canada during October rose to a net average of 416,939 barrels per day, compared with an average of 400,530 barrels in September and 349,927 barrels in October, 1952.

All provinces except Alberta and Quebec showed increased deliveries when compared with October, 1952. The provincial totals were as follows (1952 data in brackets): British Columbia, 267,064 barrels (nil); Alberta, 1,367,199 (1,655,546); Saskatchewan, 1,373,335 (1,182,367); Manitoba 3,669,181 (2,965,195); Ontario, 1,938,187 (323,829), and Quebec, 4,310,143 (4,720,805). Manitoba totals include 3,133,266 barrels (2,454,982) transferred to the Lakehead Pipe Line Company at Gretna and 535,915 (510,213) delivered within the province.

Included in the net receipts of oil for pipe line shipment during October were 6,493,003 barrels of Alberta crude, 38,085 barrels of Alberta natural gasoline, 77,591 of Manitoba crude, 4,217,934 imported crude and 2,002,806 barrels of refinery products.

Total net receipts of 12,829,419 barrels were 776,819 barrels or 5.7 p.c. below the September receipts of 13,606,238, but 19 p.c. above October last year. Receipts for the ten-month period amounted to 123,589,442 barrels, an increase of 41 p.c. over the same period of 1952.

Deliveries for the ten months, January to October, amounted to 119,985,808 barrels, an increase of 38 p.c. over the 86,907,484 barrels delivered in the corresponding period last year. Provincial totals for the ten months were as follows (1952 data in brackets): British Columbia, 267,064 (nil); Alberta 14,110,827, (13,095,710); Saskatchewan, 11,813,177 (9,053,703); Manitoba, 29,416,491 (22,688,125); Ontario 20,223,614 (1,240,650), and Quebec, 44,154,635 (40,829,296), Manitoba deliveries included 24,328,792 barrels (17,573,110) transferred to the Lakehead Pipe Line Company at the United States border, destined principally to Ontario refineries via lake tanker.

Gathering systems handled an average of 164,546 barrels per day, down by 18,987 from the September average of 183,533 barrels, but an increase of 11,477 barrels over October, 1952. Trunk line deliveries were up from a daily average of 457,448 barrels in September and 418,667 barrels one year ago to 476,776 barrels in October. This was an increase of 58,109 barrels per day or almost 14 p.c. above October, 1952.

The average length of haul for trunk lines dropped to 238.1 in October from 274.3 in September and 258.8 in October last year. Barrel miles for oil moved through trunk lines also decreased from 3,764 million in September to 3,520 million in October, but were 5 p.c. above the 1952 figure of 3,361 million.

The average number of employees rose to 1,057 compared with 932 in September and 707 in October, 1952. Total salaries and wages amounted to \$385,629, an increase of 14 p.c. over September and 55 p.c. over the October 1952 figure of \$248,712.

Deliveries of the Interprovincial Pipe Line Company increased from 4,199,322 barrels in September to 5,205,896 up by 1,006,574 barrels or 24 p.c. The daily average was raised from 139,977 barrels in September to 167,932 in the month under review and the average for the ten-month period rose to 140,595 compared with 111,275 in the corresponding period of last year. The Montreal Pipe Line Company also showed increased deliveries in October with a total of 4,310,143 barrels compared with 4,194,472 in September. The daily average, however, dropped from 139,816 barrels in September to 139,037. The Imperial Pipe Line Company recorded decreases in both receipts and deliveries, and the daily average for October dropped to 131,600 barrels from an average of 150,526 barrels in the previous month.

Revenue and employee data for the Sarnia Products Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the Company's activities and is not separable. For the same reason revenue and employee data of the Anglo-Canadian Oils, Limited pipe line in Manitoba have been omitted. Data on the activities of these companies have been shown in all other applicable sections of the report.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil Ltd. commenced in March of 1952. The Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table:

Total Received into Systems - all companies -	Barrels
during first ten months of 1953, per table 6	178,616,737
Received into Trunk Lines from Other Canadian Pipe Lines	55,027,295
"Net Received" into Canadian Pipe Line Systems	123,589,442
"Net Received" into Trunk Systems per table 1	76,289,041
"Net Received" into Gathering Systems per table 2	47,300,401
Total Delivered out of Systems - all companies -	
during first ten months of 1953, per table 6	175,208,352
Delivered to other Canadian Pipe Lines	55,222,544
"Net Delivered" from Canadian Pipe Line Systems	119,985,808
"Net Delivered" from Trunk Systems per table 1	110,772,670
"Net Delivered" from Gathering Systems per table 2	9,213,138

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the ten month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - OCTOBER, 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to October 31, 1953	47,300,401	
Received into Trunk Systems January 1 to October 31, 1953	136,250,194	183,550,595
Total oil accountable for period		186,723,525
Delivered from Gathering Systems January 1 to October 31, 1953	47,118,637	
Delivered from Trunk Systems January 1 to October 31, 1953	133,023,573	180,142,210
Balance to be accounted for at October 31, 1953		6,581,315
Oil consumed as fuel and losses		285,672
Balance on hand - October 31, 1953		6,295,643
Total Shippers Balances - October 31, 1953	x 5,321,117	
Total Carriers Balances - October 31, 1953	974,526	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	Transit and Storage Co. Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
October, 1952	239,810	43,900
September, 1953	-	190,685
October, 1953	413,345	43,713
Year to Date 1953 (10months)	5,098,369	748,691

x Includes 1,593,882 barrels loaned to Trans Mountain Oil Pipe Line Company for Pipe Line fill.

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	October 1 9 5 3	September 1 9 5 3	October 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	14,517,671	15,266,540	12,887,126	136,250,194
Less: Received from other Canadian pipe lines -				
2. Own gathering system	651,265	596,482	1,920,788	4,933,858
3. Other pipe lines - Gathering	2,246,399	2,123,187	2,546,607	20,038,709
4. Trunk	3,898,437	4,490,431	2,412,174	34,988,586
5. <u>Net Received (6+7+8)</u>	7,721,570	8,056,440	6,007,557	76,289,041
6. Originating on own trunk lines	3,426,045	3,743,506	972,942	31,719,957
7. Received from foreign pipe line connections	4,217,934	4,257,008	4,740,438	44,152,159
8. Received from other carriers (rail & truck)	77,591	55,926	274,177	416,925
9. <u>Total Delivered * (10+11)</u>	14,780,072	13,723,450	12,978,684	133,023,573
10. Less: Delivered to other Canadian trunk lines	2,838,607	2,897,712	2,411,614	22,250,903
11. <u>Net Delivered (12+13+14)</u>	11,941,465	10,825,738	10,567,070	110,772,670
12. Terminated on own trunk lines	8,808,199	8,458,716	8,112,088	86,443,703
13. Delivered to foreign pipe line connections	3,133,266	2,367,022	2,454,982	24,328,792
14. Delivered to other carriers (rail & truck)	-	-	-	175

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	October 1 9 5 3	September 1 9 5 3	x October 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,107,849	5,549,798	4,740,125	47,300,401
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	5,107,849	5,549,798	4,740,125	47,300,401
18. Originating on own gathering system	5,000,786	5,410,735	4,729,141	46,130,044
19. Received from other carriers (rail & truck)	107,063	139,063	10,984	1,170,357
20. <u>Total Delivered * (21+22+23)</u>	5,100,945	5,505,993	4,745,155	47,118,637
Less: Delivered to other pipe lines -				
21. Own Trunk System	651,265	596,482	1,920,788	4,933,858
22. Other pipe lines	3,466,036	3,719,352	2,543,695	32,971,641
23. <u>Net Delivered (24+25)</u>	983,644	1,190,159	280,672	9,213,138
24. Terminated on gathering systems	839,727	873,066	289	7,665,679
25. Delivered to other carriers (rail & truck)	143,917	317,093	280,383	1,547,459

¹ Includes natural gasoline and products.

* Includes duplications.

² Includes natural gasoline.

x Revised.

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	October 1 9 5 3	September 1 9 5 3	x October 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,107,849	5,549,798	4,740,125	47,300,401
- Trunk	1,423,239	1,746,941	854,161	11,418,123
Manitoba - Trunk	77,591	55,926	11,259	416,925
Ontario (2) - Trunk	1,137,324	926,812	381,699	10,347,487
Quebec (3) - Trunk	5,083,416	5,326,761	4,760,438	54,106,506
Net Received - Trunk	7,721,570	8,056,440	6,007,557	76,289,041
Total	12,829,419	13,606,238	10,747,682	123,589,442

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	October 1 9 5 3	September 1 9 5 3	x October 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	267,064	-	-	267,064
Alberta - Gathering	983,644	1,190,159	280,672	9,213,138
" - Trunk	383,555	542,785	1,374,874	4,897,689
Saskatchewan - Trunk	1,373,335	1,189,179	1,182,367	11,813,177
Manitoba / - Trunk	3,669,181	2,907,790	2,965,195	29,416,491
Ontario (2) - Trunk	1,938,187	1,991,512	323,829	20,223,614
Quebec - Trunk	4,310,143	4,194,472	4,720,805	44,154,635
Net Delivered - Trunk	11,941,465	10,825,738	10,567,070	110,772,670
- Total	12,925,109	12,015,897	10,847,742	119,985,808
/ Including deliveries to U.S. pipe lines at Gretna, Manitoba	3,133,266	2,367,022	2,454,982	24,328,792

TABLE 5 OPERATING STATISTICS

	October 1 9 5 3	September 1 9 5 3	x October 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	164,546	183,533	153,069	154,995
Trunk Lines "	476,776	457,448	418,667	437,577
Total Barrel Miles (Trunk Lines) Millions	3,520	3,764	3,361	36,555
Average Miles per Barrel (Trunk Lines) Miles	238.1	274.3	258.8	274.8
Employees and Earnings (6)				
Average Number (4) No.	1,057	932	707	922
Total Salaries and Wages \$	383,629	337,723	248,712	3,315,764
Man Hours Worked by Wage Earners (5) (6) Hours	45,639	49,273	43,464	486,231

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

OCTOBER, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC</u>			<u>Barrels</u>		
<u>Total Received into System</u>					
This month (October, 1953)	4,081,127	4,756,596	4,217,934	(2) 5,918,598	18,974,255
This year (10 months)	38,762,052	42,911,665	44,152,159	(3) 52,790,361	178,616,737
<u>Total Delivered out of System</u>					
This month (October, 1953)	4,079,606	5,205,896	4,310,143	(4) 5,634,107	19,229,752
This year (10 months)	38,695,375	42,740,858	44,154,635	(5) 49,617,484	175,208,352
<u>OPERATING STATISTICS</u>					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (October, 1953)	131,600	-	-	32,946	164,546
This year (10 months)	127,287	-	-	27,708	154,995
<u>Trunk Lines</u>					
This month (October, 1953)	-	167,932	139,037	169,807	476,776
This year (10 months)	-	140,595	145,245	151,737	437,577
<u>Total Barrel Miles</u>			<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>					
This month (October, 1953)	-	2,352	417	1,111	3,880
This year (10 months)	-	26,906	3,246	11,111	31,263
<u>Average Miles Per Barrel</u>					
<u>(Trunk Lines)</u>					
This month (October, 1953)	-	471.0	73.5	411.6	381.1
This year (10 months)	-	630.0	73.5	118.2	274.8

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
<u>OPERATING REVENUES</u>			<u>Dollars</u>		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
Nine months ending September 30, 1953	2,862,109	11,022,755	1,367,437	(7) 5,820,494	21,072,795
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>		
Number of employees (October, 1953)	217	364	46	430	1,057
<u>Salaries and Wages</u>			<u>Dollars</u>		
This month (October, 1953)	77,067	145,579	16,989	145,994	385,629
This year (10 months)	747,160	1,312,243	158,971	1,097,390	3,315,764
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>		
This month (October, 1953)	27,860	396	1,501	15,882	45,639
This year (10 months)	279,103	8,488	16,660	181,980	486,231

(1) Amurex Oil Development Company
 Anglo-Canadian Oils Limited
 B.A. Alberta Pipe Line Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Co. Limited
 Imperial Oil Ltd. - Sarnia Products Pipe Line Division
 Saskatoon Pipe Line Company
 Sun-Canadian Pipe Line Co. Ltd.
 Texaco Exploration Company
 Trans Mountain Oil Pipe Line Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company Limited
 Winnipeg Pipe Line Company Limited

⌘ Totals include duplication between companies.

(6) B.A. Alberta Pipe Line, Limited
 B.A. Saskatchewan Pipe Line Limited
 Canadian Gulf Pipe Line Company
 Edmonton Pipe Line Company Limited
 Saskatoon Pipe Line Company
 Texaco Exploration Company
 Trans Mountain Oil Pipe Line Company
 Trans-Northern Pipe Line Company
 Valley Pipe Line Company, Limited
 Winnipeg Pipe Line Company, Limited

(7) Includes Amurex Oil Development Co.

(2) Includes 2,002,806 bbls. products and 38,085 bbls. natural gasoline
 (3) " 20,301,834 " " " 364,892 " " "
 (4) " 1,938,187 " " " 35,485 " " "
 (5) " 20,223,614 " " " 358,444 " " "

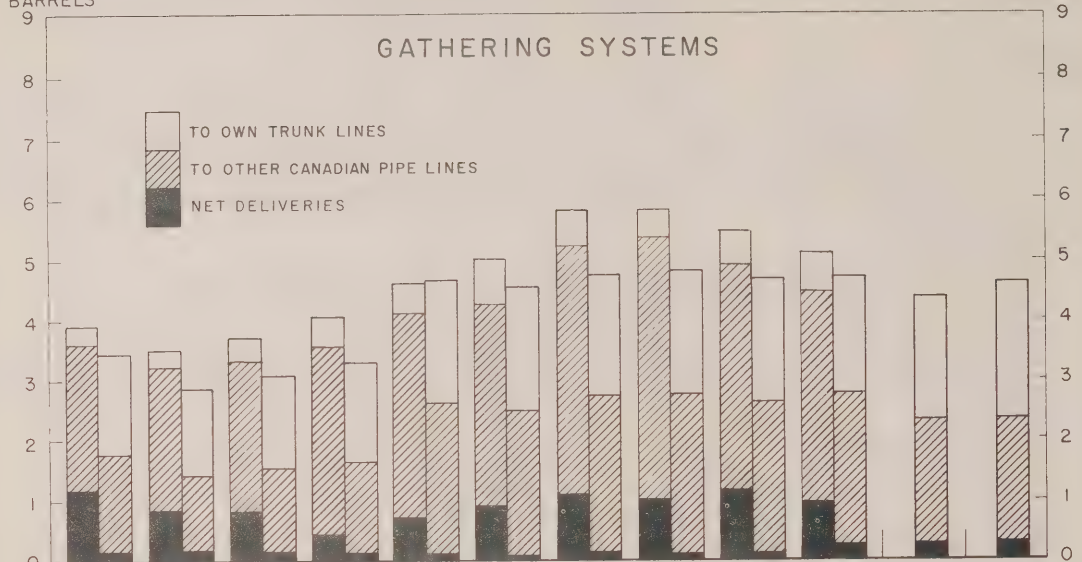
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

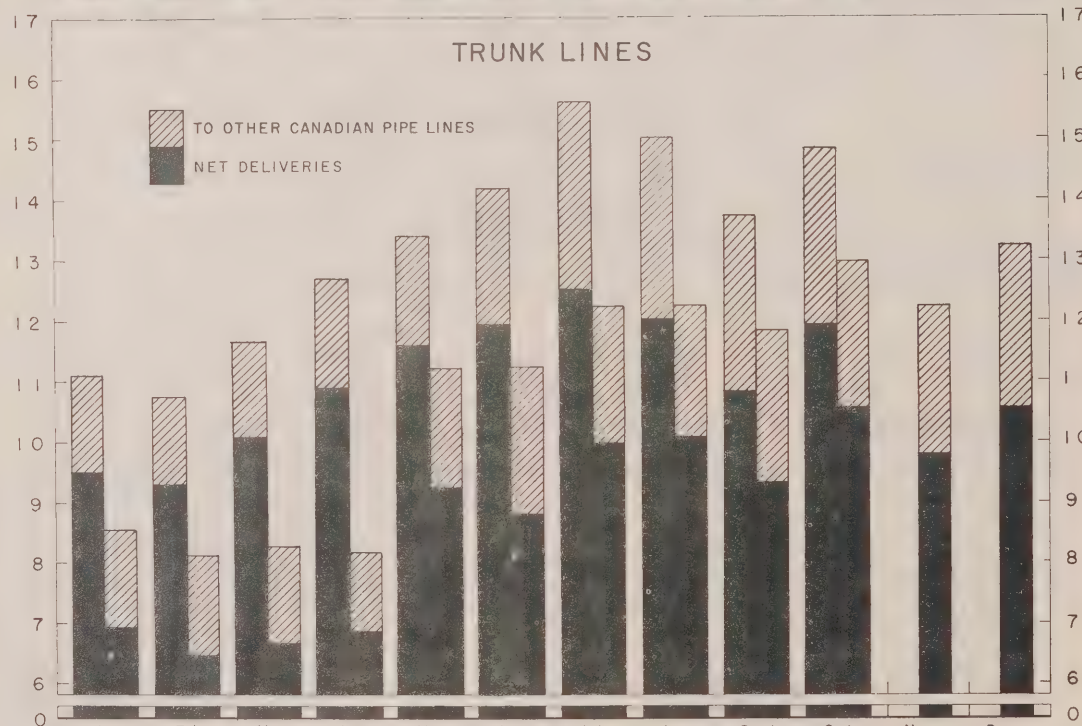
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

TRANS. & PUB. WORK MEMORANDUM D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

PIPE LINES (OIL) STATISTICS

NOVEMBER, 1953

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL ECONOMY

The movement of oil by pipe line in Canada increased by over 13,000 barrels per day during November, the daily net average rising to 430,614 barrels from 416,939 in October. This was an increase of almost 29 p.c. over the daily average of 334,642 barrels delivered in November, 1952.

Compared with 1952 all provinces except Quebec recorded increases in November. The net deliveries, by provinces, for the month were as follows (1952 data in brackets): British Columbia, 655,268 barrels (nil); Alberta, 1,381,406 (1,344,429); Saskatchewan, 1,196,563 (972,746); Manitoba, 3,517,659 (2,837,997); Ontario, 1,973,431 (545,473); and Quebec, 4,194,084 (4,338,618). Included in the Manitoba deliveries were 2,985,766 barrels (2,413,940) transferred to the Lakehead Pipe Line Company at Greta and 531,893 (424,057) delivered within the province.

Net receipts of oil for shipment by pipe line amounted to 13,296,952 barrels, an increase of 467,533 barrels over October and exceeding November 1952 by over 3 million barrels. Included in the net receipts were 8,895,985 barrels of Alberta crude oil, 45,964 of Alberta natural gasoline, 2,812 barrels of Saskatchewan crude, 103,650 barrels of Manitoba crude, 4,265,379 barrels of imported crude and 1,983,164 barrels of refinery products. Total net receipts for the eleven months, January - November, amounted to 136,886,394 barrels, an increase of 39,374,330 or 40 p.c. over receipts for the corresponding period of 1952.

Net deliveries for the year to date amounted to 132,904,219 barrels, as against 96,946,747 in 1952, an increase of 37 p.c. Deliveries in the several provinces for the eleven-month period were as follows (1952 data in brackets): British Columbia, 922,332 barrels (nil(1)); Alberta, 15,492,233 (14,440,139); Saskatchewan, 13,009,740 (10,026,449); Manitoba, 32,934,150 (25,526,122); Ontario, 22,197,045 (1,786,123(2)); and Quebec, 48,348,719 (45,167,914). Manitoba totals included 27,314,558 barrels (19,987,050) transferred to the Lakehead Pipe Line Company at the United States border destined principally to refineries at Sarnia, Ontario.

Gathering systems handled an average of 182,260 barrels per day, an increase of 10.7 p.c. over the October average of 164,546 and 25 p.c. over November last year. Trunk line deliveries were also up, increasing from an average of 176,776 barrels per day in October to 505,776 in the month under review.

Total barrel miles for trunk lines rose to a new high of 4,711 million from 4,559 in October. This was almost 9 p.c. above the 3,166 million recorded in November, 1952. The average length of haul also showed improvement at 310.5 miles for November compared with an average of 308.4 miles for October.

Employees and earnings moved upward in November. The average number of employees at 1,087 was almost 3 p.c. above the October average and 21 p.c. over last year. Salaries and wages amounted to \$425,426, an increase of 10 p.c. over October and 28 p.c. above November, 1952.

The Interprovincial Pipe Line Company delivered a total of 5,065,474 barrels during the month, or an average of 168,849 barrels per day. This was a slight increase over their daily average of 167,932 barrels in October. Their average haul, however, dropped from 651 miles in October to 636 miles in November and total barrel miles fell from 3,391 million in October to 3,224. Deliveries from Imperial's gathering system rose to a daily average of 142,714 barrels from 131,600 in October. The Montreal Pipe Line Company showed little change from last month with an average delivery of 139,802 barrels per day as against 139,037 in October.

Revenue and employee data for the Sarnia Products Line Division of Imperial Oil, Ltd. are not available for his report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operations of Anglo Canadian Mills, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

- (1) The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.
- (2) Operations of the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. commenced in March of 1952. The Trans-Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table:

	Barrels
Total Received into Systems - all companies -	
during eleven months of 1953, per table 6	198,825,402
Received into Trunk Lines from Other Canadian Pipe Lines	61,939,008
"Net Received" into Canadian Pipe Line Systems	136,886,394
"Net Received" into Trunk Systems per table 1	84,169,710
"Net Received" into Gathering Systems per table 2	52,716,684
Total Delivered out of Systems - all companies -	
during eleven months of 1953, per table 6	195,052,509
Delivered to other Canadian Pipe Lines	62,148,290
"Net Delivered" from Canadian Pipe Line Systems	132,904,219
"Net Delivered" from Trunk Systems per table 1	122,890,051
"Net Delivered" from Gathering Systems per table 2	10,014,168

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the eleven month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - NOVEMBER, 1953

	Barrels	Barrels
Total Shippers Balances - January 1, 1953	2,999,353	
Total Carriers Balances - January 1, 1953	173,577	3,172,930
Received into Gathering Systems January 1 to November 30, 1953	52,716,684	
Received into Trunk Systems January 1 to November 30, 1953	151,839,524	204,556,208
Total oil accountable for period		207,729,138
Delivered from Gathering Systems January 1 to November 30, 1953	52,586,446	
Delivered from Trunk Systems January 1 to November 30, 1953	148,196,869	200,783,315
Balance to be accounted for at November 30, 1953		6,945,823
Oil consumed as fuel and losses		351,386
Balance on hand - November 30, 1953		6,594,437
Total Shippers Balances - November 30, 1953	(1) 5,767,794	
Total Carriers Balances - November 30, 1953	826,643	

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	The Buckeye Pipe Line Company Crude Petroleum	Sun Pipe Line Co. Fuel and Other Refined Oil
	Barrels	Barrels
November, 1952	(2) 260,256	35,862
October, 1953	(2) 413,345	43,713
November, 1953	443,052	164,503
Year to Date 1953 (11 months)	5,542,021	913,194

(1) Includes 1,265,782 barrels loaned to Trans Mountain Oil Pipe Line Company for Pipe Line fill.

(2) Deliveries of Transit and Storage Company whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	November 1953	October 1953	November 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	15,589,330	14,517,671	12,242,709	151,839,524
Less: Received from other Canadian pipe lines -				
2. Own gathering system	796,948	651,265	2,039,592	5,730,806
3. Other pipe lines - Gathering	2,245,396	2,246,399	2,077,802	22,284,105
4. Trunk	4,666,317	3,898,437	2,454,806	39,654,903
5. Net Received (6+7+8)	7,880,669	7,721,570	5,670,509	84,169,710
6. Originating on own trunk lines	3,508,828	3,426,045	1,428,888	35,228,785
7. Received from foreign pipe line connections	4,265,379	4,217,934	4,228,527	48,417,538
8. Received from other carriers (rail & truck)	106,462	77,591	13,094	523,387
9. Total Delivered * (10+11)	15,173,296	14,780,072	12,239,733	148,196,869
10. Less: Delivered to other Canadian trunk lines	3,055,915	2,838,607	2,445,308	25,306,818
11. Net Delivered (12+13+14)	12,117,381	11,941,465	9,794,425	122,890,051
12. Terminated on own trunk lines	9,131,615	8,808,199	7,380,485	95,575,318
13. Delivered to foreign pipe line connections	2,985,766	3,133,266	2,413,940	27,314,568
14. Delivered to other carriers (rail & truck)	-	-	-	175

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	November 1953	October 1953	November 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	5,416,283	5,107,849	4,383,432	52,716,684
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	5,416,283	5,107,849	4,383,432	52,716,684
18. Originating on own gathering system	5,298,508	5,000,786	4,170,671	51,428,652
19. Received from other carriers (rail & truck)	117,775	107,063	212,761	1,288,132
20. Total Delivered * (21+22+23)	5,467,809	5,100,945	4,359,972	52,586,446
Less: Delivered to other pipe lines -				
21. Own Trunk System	796,948	651,265	2,039,592	5,730,806
22. Other pipe lines	3,869,831	3,466,036	2,075,542	36,841,472
23. Net Delivered (24+25)	801,030	983,644	244,838	10,014,168
24. Terminated on gathering systems	786,922	839,727	387	8,452,601
25. Delivered to other carriers (rail & truck)	14,108	143,917	244,451	1,561,567

* Includes natural gasoline and products.

* Includes natural gasoline.

* Includes duplications.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

NOVEMBER, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC			Barrels		
<u>Total Received into System</u>					
This month (November, 1953)	4,254,881	5,313,960	4,265,379	(2) 6,374,446	20,208,665
This year (11 months)	43,016,937	48,225,625	48,417,536	(3) 58,165,306	197,825,402
<u>Total Delivered out of System</u>					
This month (November, 1953)	4,281,422	5,065,474	4,194,084	(4) 6,303,177	19,844,157
This year (11 months)	42,976,797	47,806,332	46,346,713	(5) 58,500,661	185,632,509
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (November, 1953)	142,714	-	-		
This year (11 months)	128,673	-	-	39,546	182,260
<u>Trunk Lines</u>				28,771	157,444
This month (November, 1953)	-	168,849	139,802	197,125	505,776
This year (11 months)	-	143,133	144,756	155,814	443,703
<u>Total Barrel Miles</u>			Miles		
(Trunk Lines - in millions)					
This month (November, 1953)	-	3,224	309	1,178	4,711
This year (11 months)	-	31,169	3,554	7,582	42,305
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (November, 1953)	-	636.0	73.6	199.2	316.5
This year (11 months)	-	682.0	73.6	143.7	288.1

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (6)	Total
OPERATING REVENUES			Dollars		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	3,425,637	12,805,250
Nine months ending September 30, 1953	2,862,109	11,022,755	1,367,437	(7) 5,820,494	21,072,795
EMPLOYEES AND EARNINGS			Number		
Number of employees (November, 1953)	214	365	43	465	1,087
<u>Salaries and Wages</u>			Dollars		
This month (November, 1953)	74,715	144,031	16,511	190,169	426,426
This year (11 months)	821,875	1,456,274	175,482	1,287,559	3,741,190
<u>Man Hours Worked by Wage Earners</u>			Hours		
This month (November, 1953)	26,266	905	840	19,077	47,088
This year (11 months)	305,369	9,393	17,500	201,057	533,319

(1) Amurex Oil Development Company

Anglo-Canadian Oils Limited

B.A. Alberta Pipe Line Limited

B.A. Saskatchewan Pipe Line Limited

Canadian Gulf Pipe Line Company

Edmonton Pipe Line Co. Limited

Imperial Oil Ltd. - Sarnia Products Pipe Line Division

Saskatoon Pipe Line Company

Sun-Canadian Pipe Line Co. Ltd.

Texaco Exploration Company

Trans Mountain Oil Pipe Line Company

Trans-Northern Pipe Line Company

Valley Pipe Line Company Limited

Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

(6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

(7) Includes Amurex Oil Development Co.

(2) Includes 1,983,164 bbls. products and 45,964 bbls. natural gasoline

(3) " 22,284,998 " " 410,856 " " "

(4) " 1,973,431 " " 45,242 " " "

(5) " 22,197,045 " " 403,686 " " "

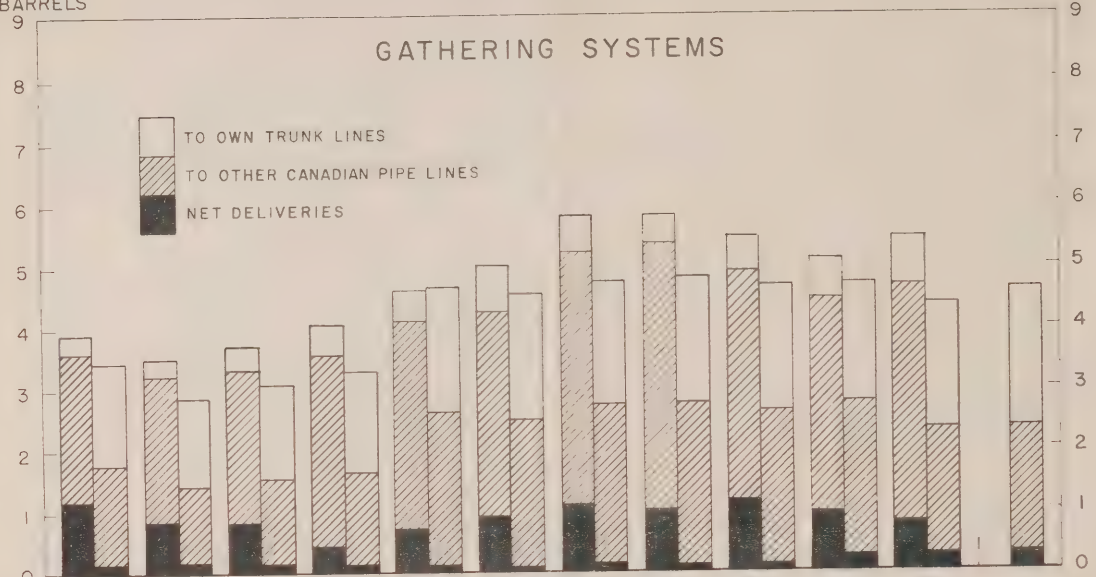
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

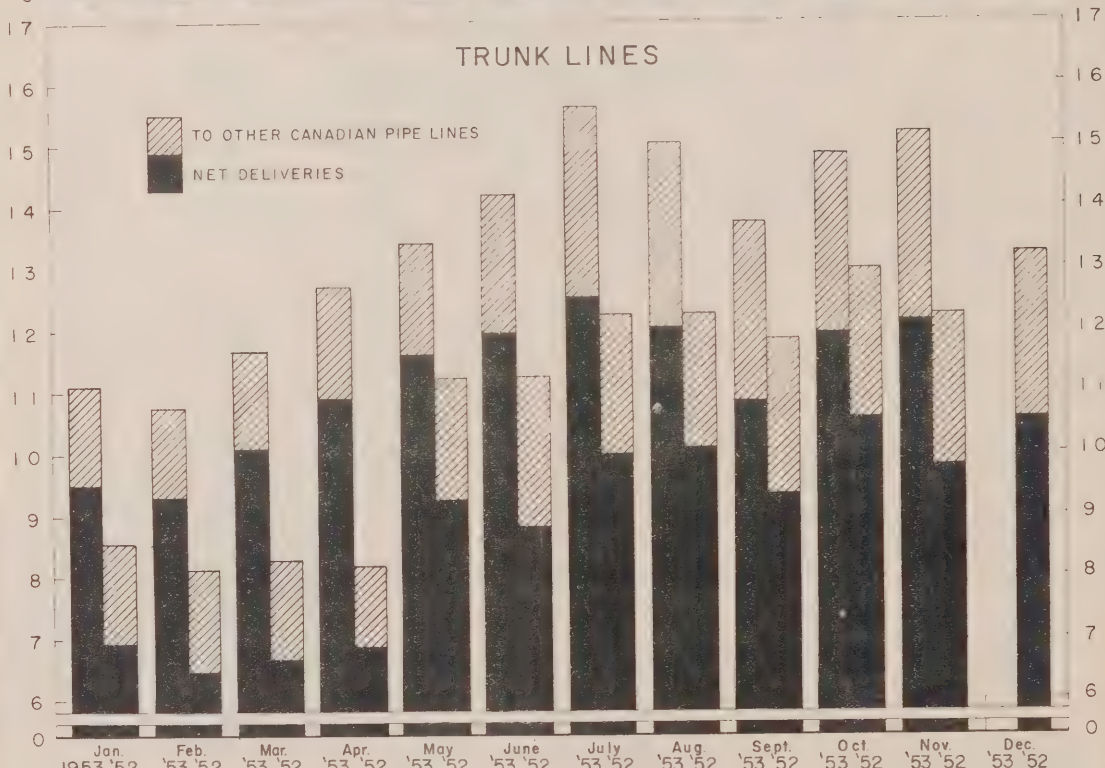
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

VOL. 3
NO. 12

PIPE LINES (OIL) STATISTICS

DECEMBER, 1953

8504-508
19-3-54

The volume of oil carried by Canadian pipe lines rose to a new peak in December with a net average delivery of 464,502 barrels per day. This was an increase of 33,888 barrels or 8 p.c. over November and 39 p.c. over December, 1952.

Total net deliveries at 14,399,552 barrels recorded an increase of 11 p.c. over November and were 3,550,631 barrels, or 33 p.c. above December, 1952. By the year end net deliveries had reached a total of 47,000,000 barrels, an increase of 37 p.c. over 1952 deliveries of 107,795,668 and 67 p.c. above 1951. Refined products accounted for 2,800,000 barrels of the December total and for the year amounted to 24,868,257 barrels, as against only 3,093,944 in 1952.

Provincial deliveries for the 12 months ended December were as follows (1952 data in brackets): British Columbia 1,540,011 barrels (nil⁶); Alberta 16,984,749 (16,053,757); Saskatchewan, 14,189,654 (11,164,992); Manitoba, 36,682,639 (27,630,314); Ontario, 24,868,257 (3,093,944*), and Quebec, 53,038,461 (49,952,761). Manitoba deliveries included 30,524,131 barrels (21,520,764) transferred to the Lakehead Pipe Line Company at Gretna destined principally to Ontario refineries at Sarnia.

In the past the bulk of this oil crossing the border at Gretna has moved from Superior to Sarnia by way of lake tanker until the close of navigation. With the completion in December of Lakehead's 643 mile extension from Superior to Sarnia, the Interprovincial Pipe Line Company now operates the longest crude oil pipe line in the world. This extension commenced operating in December and provides transportation facilities for year round movement of oil from western Canada to refineries at Sarnia.

Net receipts in December totalled 14,766,793 barrels, compared with 13,296,952 in November and 11,306,624 in December, 1952, an increase of 31 p.c. over the previous year. Included in the net receipts for December were 7,257,597 barrels of Alberta crude, 46,045 of Alberta natural gasoline, 5,365 barrels of Saskatchewan crude, 107,000 of Manitoba crude, 4,677,368 of imported crude and 2,671,416 barrels of refinery products. Receipts for the twelve months amounted to 151,653,187 barrels, an increase of 42,834,499 barrels or 39 p.c. over 1952.

Gathering systems handled an average of 188,985 barrels per day in December as against 148,437 in December, 1952. Trunk line deliveries rose to a new peak with a daily average of 554,079 barrels, an increase of 48,303 over November and 127,638 barrels or 30 p.c. over December last year. Total barrel miles reached a new high in December at 5,043 million, the total for the year amounting to 47,381 million as against 31,978 in 1952.

Employment during the month of December reached a new high with an average of 1,104 employees earning \$447,308, compared with an average of 905 employees earning \$361,513 in December, 1952. For the twelve months ending December 31 the average number of employees was 951, an increase of 36 p.c. over the 1952 average of 697. Earnings for the year amounted to \$4,188,498 as against \$2,933,024 in 1952, up by almost 43 p.c. Compared with 1952, average earnings were up by 5 p.c., rising from \$4,208 in 1952 to \$4,404 in 1953.

Revenues recorded a seasonal decline during the fourth quarter, but for the twelve months were up by 33 p.c., totalling \$28,305,431 compared with \$21,271,008 in 1952.

By the end of 1953, deliveries of the Interprovincial Pipe Line Company had risen to a total of 53,568,834 barrels, as against 41,281,157 in 1952, an increase of 30 p.c. Their barrel miles rose from a total of 26,740 million in 1952 to 34,564 million in 1953. Imperial's deliveries for the year amounted to 47,468,043 barrels, up 8 p.c. over the previous year, while the Montreal Pipe Line Company increased their total deliveries for the year by 6.3 p.c., from 49,852,761 in 1952 to 53,038,461 barrels.

Revenue and employee data for the Sarnia Products Pipe Line Div'n. of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operations of Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Murex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

⁶ The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

* Operations of the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. commenced in March of 1953. The former Northern Pipe Line Company made its first deliveries of refinery products to Ontario terminals in November, 1952. This line runs from Montreal to Hamilton with a spur serving Ottawa.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during twelve months of 1953, per table 6	221,264,826
Received into Trunk Lines from Other Canadian Pipe Lines	69,611,639
"Net Received" into Canadian Pipe Line Systems	151,653,187
"Net Received" into Trunk Systems per table 1	93,144,193
"Net Received" into Gathering Systems per table 2	58,508,994
 Total Delivered out of Systems - all companies -	
during twelve months of 1953, per table 6	217,113,470
Delivered to other Canadian Pipe Lines	69,809,699
"Net Delivered" from Canadian Pipe Line Systems	147,303,771
"Net Delivered" from Trunk Systems per table 1	136,418,044
"Net Delivered" from Gathering Systems per table 2	10,885,727

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for the twelve month period covered by this report and are given herewith:

OIL BALANCE - ALL COMPANIES - DECEMBER, 1953

	<u>Barrels</u>
Total Shippers Balances - January 1, 1953	2,999,353
Total Carriers Balances - January 1, 1953	173,577
Received into Gathering Systems January 1 to December 31, 1953	58,508,994
Received into Trunk Systems January 1 to December 31, 1953	169,460,691
Total oil accountable for Period	231,142,615
Delivered from Gathering Systems January 1 to December 31, 1953	58,445,002
Delivered from Trunk Systems January 1 to December 31, 1953	165,373,327
Balance to be accounted for at December 31, 1953	7,324,286
Oil consumed as fuel and losses	395,928
Balance on hand - December 31, 1953	6,928,358
Total Shippers Balances - December 31, 1953	(1) 6,141,288
Total Carriers Balances - December 31, 1953	787,070

Two trunk lines cross the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the two pipe lines follows:

Month	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Co. Crude and Refined Oil
	Barrels	Barrels
December, 1952	(2) 944,655	49,419
November, 1953	443,652	164,503
December, 1953	424,970	383,613
Year to date 1953 (12 months)	5,966,991	1,296,807

(1) Includes 1,167,930 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

(2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	DECEMBER 1953	NOVEMBER 1953	DECEMBER 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	17,621,167	15,589,330	13,705,044	169,460,691
Less: Received from other Canadian pipe lines -				
2. Own gathering system	74,153	796,948	2,262,772	6,704,859
3. Other pipe lines - Gathering	2,358,205	2,245,396	2,041,120	24,642,310
4. Trunk	5,314,426	4,666,317	2,675,075	44,969,329
5. <u>Net Received</u> (6+7+8)	8,974,483	7,880,669	6,726,077	67,144,593
6. Originating on own trunk lines	4,182,748	3,508,828	2,017,392	39,411,533
7. Received from foreign pipe line connections	4,677,368	4,265,379	4,685,771	53,094,706
8. Received from other carriers (rail & truck)	114,367	106,462	22,714	637,754
9. <u>Total Delivered</u> * (10+11)	17,176,458	15,173,296	13,219,657	165,373,327
10. Less: Delivered to other Canadian trunk lines	3,648,465	3,055,915	2,670,611	28,955,283
11. <u>Net Delivered</u> (12+13+14)	13,527,993	12,117,381	10,549,046	136,418,044
12. Terminated on own trunk lines	10,318,226	9,131,615	9,015,332	105,893,544
13. Delivered to foreign pipe line connections	3,209,573	2,985,766	1,533,714	30,524,131
14. Delivered to other carriers (rail & truck)	194	-	-	369

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	DECEMBER 1953	NOVEMBER 1953	DECEMBER 1952	YEAR TO DATE 1953
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	5,792,310	5,416,283	4,580,547	58,508,394
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	5,792,310	5,416,283	4,580,547	58,508,394
18. Originating on own gathering system	5,619,477	5,298,508	4,438,904	57,048,029
19. Received from other carriers (rail & truck)	172,833	117,775	141,643	1,460,365
20. <u>Total Delivered</u> * (21+22+23)	5,858,556	5,467,809	4,601,552	58,445,002
Less: Delivered to other pipe lines -				
21. Own Trunk system	974,053	796,948	2,262,772	6,704,859
22. Other pipe lines	4,012,944	3,869,831	2,038,905	40,854,416
23. <u>Net Delivered</u> (24+25)	871,559	801,030	299,875	10,885,727
24. Terminated on gathering systems	855,007	786,722	71,200	8,144,404
25. Delivered to other carriers (rail & truck)	16,552	14,308	28,675	141,323

✓ Includes natural gasoline and products

* Includes duplications

✓ Includes natural gasoline

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	DECEMBER 1 9 5 3	NOVEMBER 1 9 5 3	DECEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,792,310	5,416,283	4,580,547	58,508,994
- Trunk	1,511,332	1,525,664	692,918	14,455,119
Saskatchewan - Trunk	5,365	2,812	-	8,177
Manitoba - Trunk	109,002	103,650	22,714	629,577
Ontario (2) - Trunk	1,469,019	1,052,707	846,250	12,869,213
Quebec (3) - Trunk	5,879,765	5,195,836	5,164,195	65,182,107
Net Received - Trunk	8,974,483	7,880,669	6,726,077	93,144,193
- Total	14,766,793	13,296,952	11,306,624	151,653,187

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	DECEMBER 1 9 5 3	NOVEMBER 1 9 5 3	DECEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	617,679	655,268	-	1,540,011
Alberta (1) - Gathering	871,559	801,030	299,875	10,885,727
- Trunk	620,957	580,376	1,313,743	6,099,022
Saskatchewan - Trunk	1,179,914	1,196,563	1,138,443	14,189,654
Manitoba - Trunk	3,748,489	3,517,659	2,104,192	36,682,639
Ontario (2) - Trunk	2,671,212	1,973,431	1,307,821	24,868,257
Quebec - Trunk	4,689,742	4,194,084	4,684,847	53,038,461
Net Delivered - Trunk	13,527,993	12,117,381	10,549,046	136,418,044
- Total	14,399,552	12,918,411	10,848,921	147,303,771
Including deliveries to U.S. pipe lines at Gretna, Man.	3,209,573	2,985,766	1,533,714	30,524,131

TABLE 5

OPERATING STATISTICS

	DECEMBER 1 9 5 3	NOVEMBER 1 9 5 3	DECEMBER 1 9 5 2	YEAR TO DATE 1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems Barrels	188,985	182,260	148,437	160,123
Trunk Lines "	554,079	505,776	426,441	453,077
Total Barrel Miles (Trunk Lines) Million	5,043	4,711	2,883	47,381
Average Miles per Barrel (Trunk Lines) Miles	293.6	310.5	218.1	286.5
Employees and Earnings (6)				
Average Number (4) No.	1,104	1,087	905	951
Total Salaries and Wages \$	447,308	425,426	361,513	4,188,498
Man Hours Worked by Wage Earners (5) (6)Hours	52,949	47,088	50,478	586,268

- (1) Includes natural gasoline
- (2) Products of refineries
- (3) Includes some products
- (4) Includes salaried employees
- (5) Includes overtime
- (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

DECEMBER, 1953

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
TRAFFIC					
<u>Total Received into System</u>			Barrels		
This month (December, 1953)	4,475,972	5,996,787	4,677,368	(2) 7,289,297	22,439,424
This year (12 months)	47,492,905	54,222,412	53,094,906	(3) 66,454,603	221,264,826
<u>Total Delivered out of System</u>					
This month (December, 1953)	4,491,246	5,762,502	4,689,742	(4) 7,117,471	22,060,961
This year (12 months)	47,468,043	53,568,834	53,038,461	(5) 63,038,132	217,113,470
OPERATING STATISTICS					
<u>Barrels Handled - Daily Average</u>					
<u>Gathering Lines</u>					
This month (December, 1953)	144,879	-	-	44,106	188,985
This year (12 months)	130,049	-	-	30,074	160,123
<u>Trunk Lines</u>					
This month (December, 1953)	-	185,887	151,282	216,910	554,079
This year (12 months)	-	146,764	145,310	161,003	453,077
<u>Total Barrel Miles</u>			Miles		
(Trunk Lines - in millions)					
This month (December, 1953)	-	3,395	345	1,303	5,043
This year (12 months)	-	34,564	3,899	8,418	47,881
<u>Average Miles Per Barrel</u>					
(Trunk Lines)					
This month (December, 1953)	-	589.0	73.5	143.7	244.4
This year (12 months)	-	645.0	73.5	161.7	244.3
Revenues and Employees					
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Other Pipe Lines (1)	Total
OPERATING REVENUES			Dollars		
Three months ending March 31, 1953	723,488	2,682,266	444,475	1,293,049	5,143,278
Six months ending June 30, 1953	1,665,224	6,825,307	889,082	2,747,338	11,127,951
Nine months ending September 30, 1953	2,862,109	11,022,755	1,367,437	4,741,474	19,993,775
Twelve months ending December 31, 1953	3,958,040	13,746,308	1,783,560	6,217,433	25,705,341
EMPLOYEES AND EARNINGS			Number		
Number of employees (December, 1953)	215	371	42	476	1,104
<u>Salaries and Wages</u>			Dollars		
This month (December, 1953)	78,541	158,037	16,074	194,656	447,308
This year (12 months)	900,416	1,614,311	191,556	1,482,215	4,188,498
<u>Man Hours Worked by Wage Earners</u>			Hours		
This month (December, 1953)	28,540	1,292	648	15,409	52,949
This year (12 months)	333,909	10,685	18,148	113,526	586,268

(1) Amurex Oil Development Company
Anglo-Canadian Oils Limited
B. A. Alberta Pipe Line Limited
B. A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Co. Limited
Imperial Oil Ltd. - Sarnia Products Pipe Line Division
Saskatoon Pipe Line Company
Sun-Canadian Pipe Line Co. Ltd.
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company Limited
Winnipeg Pipe Line Company Limited

Ø Totals include duplication between companies.

(6) B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line Limited
Canadian Gulf Pipe Line Company
Edmonton Pipe Line Company Limited
Saskatoon Pipe Line Company
Sun-Canadian Pipe Line Co. Ltd.
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Valley Pipe Line Company, Limited
Winnipeg Pipe Line Company, Limited

(2) Includes 2,671,416 bbls. products and 46,045 bbls. natural gasoline
(3) " 24,956,414 " " " 456,901 " " "
(4) " 2,671,212 " " " 47,292 " " "
(5) " 24,868,257 " " " 450,278 " " "

(7) Includes Amurex Oil Development Co.

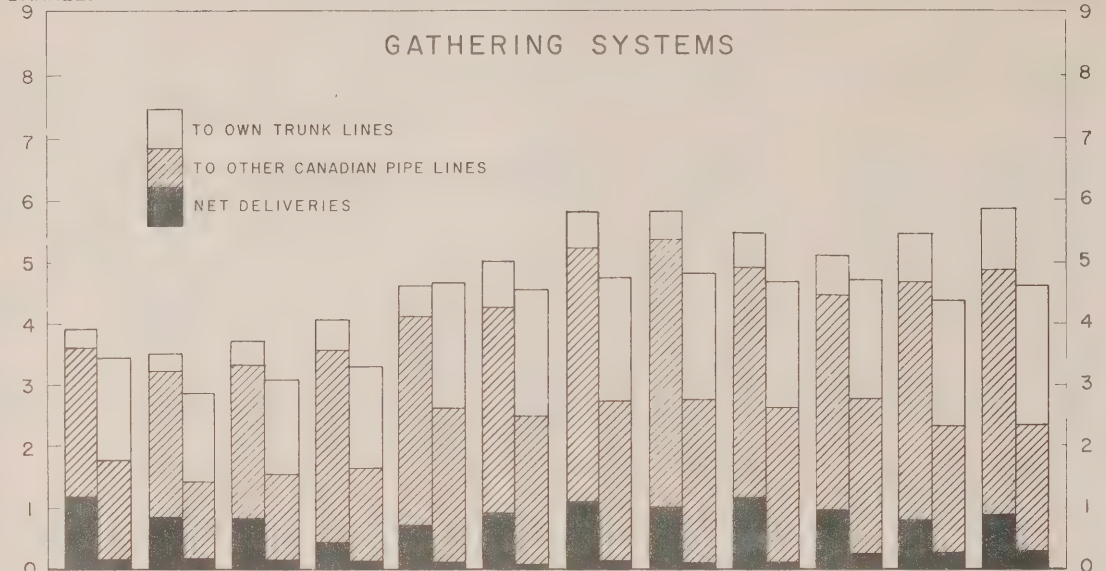
MONTHLY OIL* DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1952 AND 1953

MILLION
BARRELS

MILLION
BARRELS

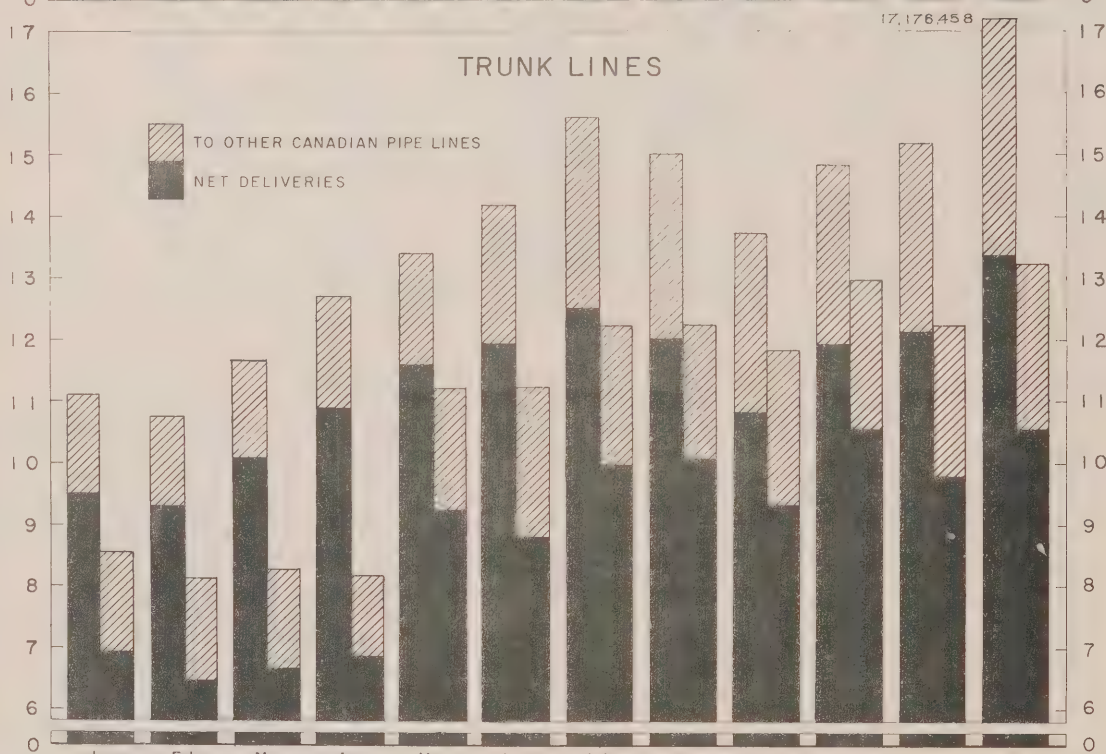
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



* 1953 data not strictly comparable with 1952 as Trunk Line deliveries of one short line are now reported as Gathering System deliveries.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Memorandum

UNIVERSITY OF TORONTO

DEPT. OF POLITICAL ECONOMY

VOL. 4 NO. 1

JANUARY, 1954

PRICE: \$1.00 per year

PIPE LINES (OIL) STATISTICS

The movement of oil through Canadian pipe lines continued its upward trend through January with a record net delivery of 495,703 barrels per day, compared with 464,502 barrels in December and 345,977 in January, 1953. This was an increase of 149,726 barrels or 43 p.c. over January, 1953.

Total net deliveries for the month amounted to 15,366,806 barrels, up by 4,641,505 from the total of 10,725,301 barrels recorded in January last year. Provincial deliveries were as follows (1953 data in brackets): British Columbia 939,868 barrels (nil); Alberta, 1,418,191 (1,589,024); Saskatchewan, 1,221,726 (1,222,193); Manitoba, 3,911,760 (1,681,920); Ontario, 2,837,248 (1,615,229) and Quebec, 5,038,013 (4,716,935). Included in the Manitoba deliveries were 3,368,596 barrels (1,191,468) transferred to the Lakehead Pipe Line at Gretna and 543,164 (490,482) delivered within the province. During the month of January 2,672,137 barrels which had been transported through the United States via the Lakehead Pipe Line re-entered Canada at Sarnia. This amount is shown in the table at the foot of page 2.

Total net receipts amounted to 15,430,460 barrels, up by some 4,500,000 barrels or 42 p.c. over the corresponding month last year. Included in the net receipts for January were 7,402,708 barrels of Alberta crude, 48,519 of Alberta natural gasoline, 1,947 barrels of Saskatchewan crude, 94,213 of Manitoba crude, 5,046,584 of imported crude and 2,836,489 barrels of refinery products.

Gathering systems handled an average of 189,478 barrels per day in January as compared with 188,985 barrels in December and 126,237 in January, 1953, up 50 p.c. over the previous year. Trunk line deliveries made a new record with a daily average of 588,525 barrels, 6 p.c. above the previous record of 554,079 barrels in December and 64 p.c. above January of last year. Total barrel miles also reached a new high at 5,478 million, 8 p.c. above December and more than double the January 1952 figure. The average haul rose from 294.4 in December to 300.2 miles.

Compared with January, 1953, the average number of employees rose by 26 p.c., from 881 in 1953 to 1,121 in 1954, and total earnings rose from \$310,331 to \$433,051, an increase of 39.5 p.c.

Instead of the usual decline in January due to the winter freeze-up on the Great Lakes, the completion of Interprovincial's extension from Superior to Sarnia, allowing a year-round movement of oil, raised that company's deliveries to an all time high of 5,973,003 barrels. Total barrel miles also reached a record of 3,525 million, almost double the 1,850 reported in January last year. Deliveries of the Montreal Pipe Line Company recorded a new high at 5,038,013 barrels and Imperial's deliveries amounted to 4,498,466 barrels, compared with 4,716,935 and 3,249,806 barrels respectively for these two companies in January, 1953. The Trans Mountain Oil Pipe Line Company in its first three months of operation increased deliveries from 655,268 barrels in November to 939,868 in the month under review.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1954.

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Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during January, 1954, per table 6	23,286,617
Received into Trunk Lines from Other Canadian Pipe Lines	7,856,157
"Net Received" into Canadian Pipe Line Systems	15,430,460
"Net Received" into Trunk Systems per table 1	9,569,786
"Net Received" into Gathering Systems per table 2	5,860,674
 Total Delivered out of Systems - all companies -	
during January, 1954, per table 6	23,226,912
Delivered to other Canadian Pipe Lines	7,860,106
"Net Delivered" from Canadian Pipe Line Systems	15,366,806
"Net Delivered" from Trunk Systems per table 1	14,551,518
"Net Delivered" from Gathering Systems per table 2	815,288

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 1954

		Barrels
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems during January	5,860,674	
Received into Trunk Systems during January	18,317,160	24,177,834
Total oil accountable for Period		31,106,192
Delivered from Gathering Systems during January	5,873,827	
Delivered from Trunk Systems during January	18,244,302	24,118,129
Balance to be accounted for at January 31, 1954		6,988,063
Oil consumed as fuel and losses		52,742
Balance on hand - January 31, 1954		6,935,321
Total Shippers Balances - January 31, 1954	(1) 6,204,145	
Total Carriers Balances - January 31, 1954	731,176	

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company	The Buckeye Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude Oil	Crude and Refined Oil
	Barrels	Barrels	Barrels
January, 1953	-	(2) 1,126,725	52,689
December, 1953	-	424,970	383,613
January, 1954	2,672,137	177,230	332,722

- (1) Includes 1,012,320 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
(2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	JANUARY 1 9 5 4	DECEMBER 1 9 5 3	x JANUARY 1 9 5 3
	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	18,317,160	17,621,167	11,227,772
Less: Received from other Canadian pipe lines -			
2. Own Gathering System	891,217	974,053	304,139
3. Other pipe lines - Gathering	2,293,675	2,358,206	1,718,388
4. Trunk	5,562,462	5,314,426	2,253,198
5. <u>Net Received</u> (6+7+8)	9,569,786	8,974,483	6,952,047
6. Originating on own trunk lines	4,427,042	4,182,748	2,198,683
7. Received from foreign pipe line connections	5,046,584	4,677,368	4,712,935
8. Received from other carriers (rail & truck)	96,160	114,367	40,429
9. <u>Total Delivered</u> * (10+11)	18,244,302	17,176,458	11,104,879
10. Less: Delivered to other Canadian trunk lines	3,692,784	3,648,465	1,570,164
11. <u>Net Delivered</u> (12+13+14)	14,551,518	13,527,993	9,534,526
12. Terminated on own trunk lines	11,182,922	10,318,226	8,343,057
13. Delivered to foreign pipe line connections	3,368,596	3,209,573	1,191,468
14. Delivered to other carriers (rail & truck)	-	194	-

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	JANUARY 1 9 5 4	DECEMBER 1 9 5 3	JANUARY 1 9 5 3
	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	5,860,674	5,792,310	3,952,410
16. Less: Received from other gathering systems	-	-	-
17. <u>Net Received</u> (18+19)	5,860,674	5,792,310	3,952,410
18. Originating on own gathering system	5,708,264	5,619,477	3,844,413
19. Received from other carriers (rail & truck)	152,410	172,833	107,997
20. <u>Total Delivered</u> * (21+22+23)	5,873,827	5,858,556	3,913,352
Less: Delivered to other pipe lines -			
21. Own Trunk system	891,217	974,053	304,139
22. Other pipe lines	4,167,322	4,012,944	2,418,437
23. <u>Net Delivered</u> (24+25)	815,288	871,559	1,190,776
24. Terminated on gathering systems	717,589	855,007	907,736
25. Delivered to other carriers (rail & truck)	97,699	16,552	283,040

¹ Includes natural gasoline and products

* Includes duplications.

¹ Includes natural gasoline

x Revised

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	JANUARY		DECEMBER	JANUARY
	1 9 5 4		1 9 5 3	1 9 5 3
	Barrels		Barrels	Barrels
Alberta (1) - Gathering	5,860,674		5,792,310	3,852,410
Trunk	1,590,553		1,511,332	688,145
Saskatchewan - Trunk	1,947		5,365	-
Manitoba - Trunk	94,213		109,002	40,429
Ontario (2) - Trunk	1,551,605		1,469,019	940,365
Quebec (3) - Trunk	6,331,568		5,879,765	5,283,108
Net Received - Trunk	9,569,786		8,974,483	6,952,047
- Total	15,430,460		14,766,793	10,904,457

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province	JANUARY		DECEMBER	x JANUARY
	1 9 5 4		1 9 5 3	1 9 5 3
	Barrels		Barrels	Barrels
British Columbia - Trunk	939,868		617,679	-
Alberta (1) - Gathering	815,288		871,559	1,190,776
- Trunk	602,903		620,957	398,248
Saskatchewan - Trunk	1,221,726		1,179,914	1,222,193
Manitoba / - Trunk	3,911,760		3,748,489	1,681,920
Ontario (2) - Trunk	2,837,248		2,671,212	1,615,229
Quebec - Trunk	5,038,013		4,689,742	4,716,935
Net Delivered - Trunk	14,551,518		13,527,993	9,534,625
- Total	15,366,806		14,399,552	10,725,301
/ Including deliveries to U.S. pipe lines at Gretna, Man.	3,368,696		3,209,573	1,191,468

TABLE 5 OPERATING STATISTICS

		JANUARY	DECEMBER	JANUARY
		1 9 5 4	1 9 5 3	1 9 5 3
Barrels Handled - Daily Average				
Gathering Systems	Barrels	189,478	188,985	126,237
Trunk Lines	"	588,525	554,079	x 358,215
Total Barrel Miles (Trunk Lines)	Million	5,478	x 5,056	2,630
Average Miles per Barrel (Trunk Lines)	Miles	300.2	x 294.4	236.9
Employees and Earnings (6)				
Average Number (4)	No.	1,107	1,104	881
Total Salaries and Wages	\$	433,051	447,308	310,331
Man Hours Worked by Wage Earners (5)(6)	Hours	49,713	52,949	48,506

- (1) Includes natural gasoline
 (2) Products of refineries
 (3) Includes some products
 (4) Includes salaried employees
 (5) Includes overtime
 (6) Excludes Anglo-Canadian Oils Limited and Carnia Products Line
 x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC &						
<u>Total Received into System</u>						
This month (January, 1954)	4,486,406	6,028,602	5,046,584	923,690	(2)6,801,335	23,286,617
<u>Total Delivered out of System</u>						
This month (January, 1954)	4,498,466	5,973,003	5,038,013	939,868	(3)6,777,662	23,226,912
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (January, 1954)	145,112	-	-	-	44,366	189,478
<u>Trunk Lines</u>						
This month (January, 1954)	-	192,678	162,516	30,318	203,013	588,525
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (January, 1954)	-	3,625	371	675	907	5,478
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (January, 1954)	-	590.0	73.6	718.0	144.1	500.2
EMPLOYEES AND EARNINGS						
Number of employees (January, 1954)	214	368	42	187	(4) 296	1,107
<u>Salaries and Wages</u>						
This month (January, 1954)	75,841	148,911	15,924	83,834	(4) 108,541	433,061
<u>Man Hours Worked by Wage Earners</u>						
This month (January, 1954)	25,857	144	320	3,400	(4)19,992	49,713

* Totals include duplications between companies

(1) Includes Amurex Oil Development Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northwest Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 2,836,489 bbls. products and 48,519 bbls. natural gasoline.

(3) Includes 2,837,248 bbls. products and 48,045 bbls. natural gasoline.

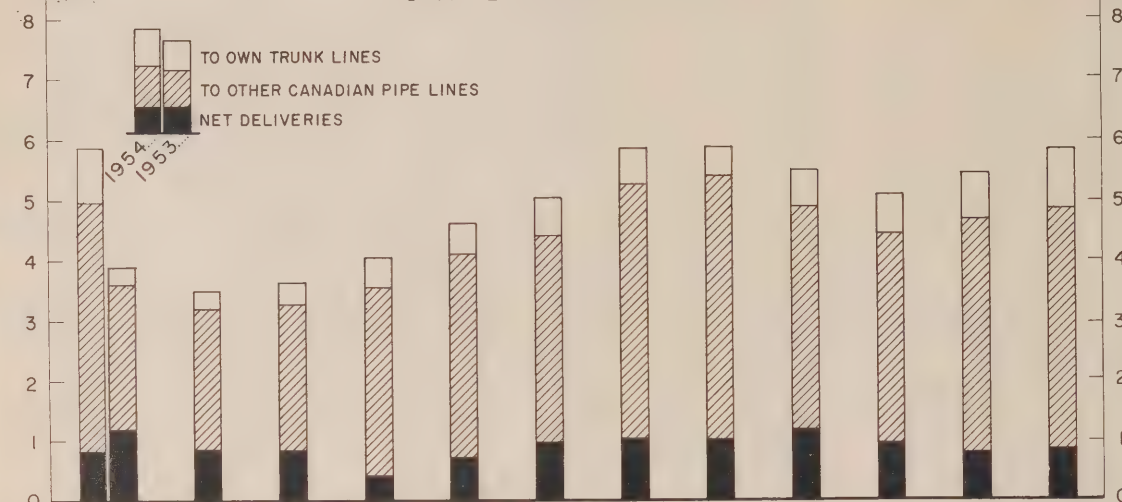
(4) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil- Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

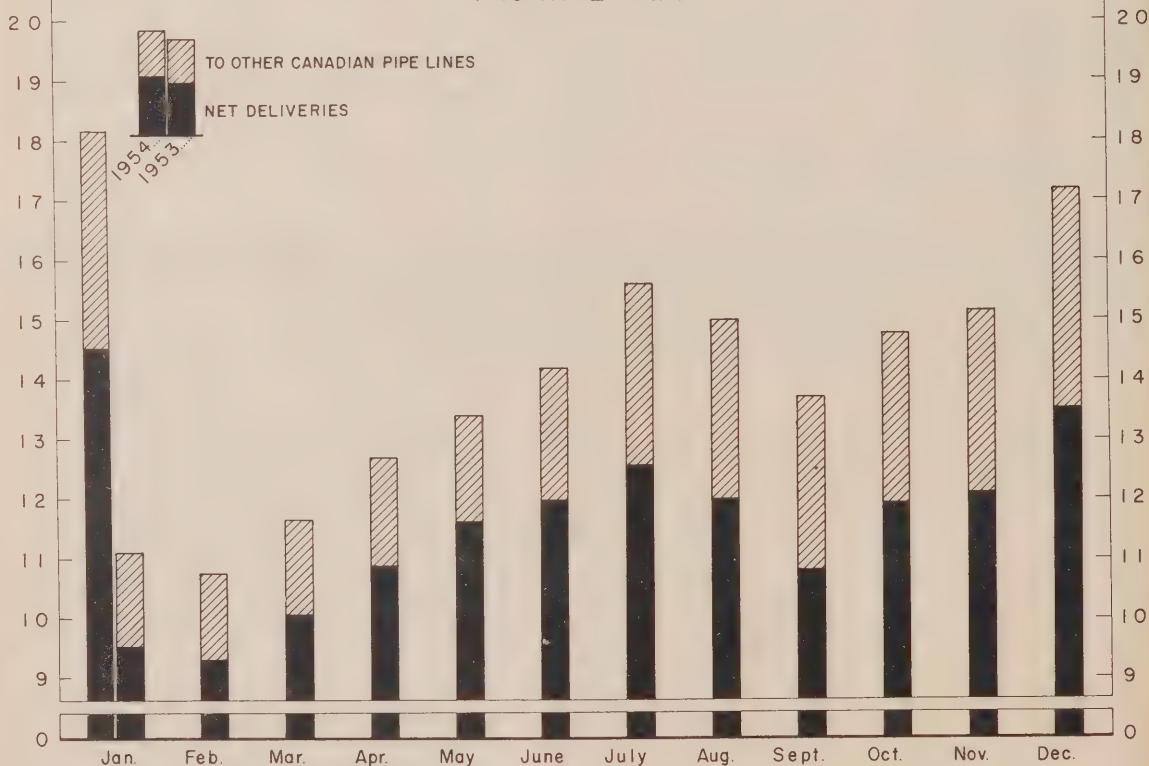
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

TRANS. & PUBLIC UTILITIES

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

VOL. 4 NO. 2

FEBRUARY, 1964

PRICE: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Oil deliveries from Canadian pipe lines recorded a slight drop during the month of February with a net average of 490,166 barrels per day compared with the record movement of 496,703 barrels in January. This was an increase of 35 p.c. above the February 1953 average of 363,273 barrels, the record at that time.

Net deliveries from trunk lines and gathering systems totalled 13,724,652 barrels in February, some 3,550,000 barrels above the corresponding month last year. Increases were recorded in all provinces except Alberta as follows, (1953 data in brackets): British Columbia, 1,067,235 barrels (nil*); Alberta, 1,266,965 (1,328,945); Saskatchewan, 1,134,025 (1,071,621); Manitoba, 3,142,470 (1,732,736); Ontario, 2,594,523 (1,701,198), and Quebec, 4,519,434 (4,337,142). Included in the Manitoba deliveries were 2,615,478 barrels (1,281,612) transferred to the Lakehead Pipe Line at Gretna and 526,992 (451,124) delivered within the province. During the month of February 2,636,741 barrels which had been transported through the United States via the Lakehead Pipe Line re-entered Canada at Sarnia as shown in the table at the foot of page 2.

Net receipts of oil for shipment by pipe line during February included 6,868,170 barrels of Alberta crude and 37,055 barrels of Alberta natural gasoline, 121,939 of Manitoba crude, 4,533,971 imported crude and 2,564,246 barrels of refinery products. Total net receipts at 14,156,381 barrels were 3,693,860 barrels, or 38 p.c. above the corresponding month last year.

The opening of Interprovincial's extension from Superior to Sarnia was largely responsible for the increase shown in net deliveries during the first two months of the year. For January and February deliveries amounted to 29,091,458 barrels as against 20,896,943 in the same period last year, an increase of 39 p.c. Deliveries by provinces for the two-month period were as follows, (1953 data in brackets): British Columbia, 2,007,103 (nil*); Alberta, 2,685,156 (2,917,969); Saskatchewan, 2,365,751 (2,293,814); Manitoba, 7,054,230 (3,414,656); Ontario, 5,431,771 (3,216,427), and Quebec, 9,557,447 (9,054,077). Transfers of oil from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for movement through the United States, principally to refineries at Sarnia, amounted to 5,984,074 barrels (2,473,080).

Both gathering systems and trunk lines made record deliveries during the month. Gathering systems handled an average of 191,656 barrels per day compared with 189,478 in January and 124,648 barrels in February, 1953, an increase of 54 p.c. over the previous year. Trunk lines handled a daily average of 114,763 barrels, against 585,525 in January and 584,478 in February, 1953, 60 p.c. above last year.

Barrel miles at 4,842 million were almost 90 p.c. above last year's figure of 2,565 million. The average length of haul, however, dropped to 281.3 miles from 300.2 in January, but was well above the 238.2 miles reported in February, 1953.

Employees numbered 1,140 for the month of February, an increase of 31 p.c. over the 865 employees recorded in February of last year. Salaries and wages in the same period rose by 42 p.c., from \$300,953 in February, 1953, to \$428,750 in the month under review.

The Interprovincial Pipe Line Company continued in the lead with deliveries of 5,499,754 barrels during February and a two-month total of 11,472,757 barrels against a total of 5,894,736 barrels in the same period last year. On a daily basis Interprovincial's deliveries reached a new high with an average of 196,426 barrels per day in February compared with an average of 161,408 barrels for the Montreal Pipe Line Company and 143,083 barrels for Imperial's gathering system. The Trans Mountain Oil Pipe Line Company passed the million mark in February with total deliveries of 1,067,235 barrels.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of Anglo Canadian Mils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first two months of 1954, per table 6	45,302,180
Received into Trunk Lines from Other Canadian Pipe Lines	15,716,339
"Net Received" into Canadian Pipe Line Systems	29,585,841
"Net Received" into Trunk Systems per table 1	18,347,534
"Net Received" into Gathering Systems per table 2	11,238,307
Total Delivered out of Systems - all companies -	
during first two months of 1954, per table 6	44,795,743
Delivered to other Canadian Pipe Lines	15,704,285
"Net Delivered" from Canadian Pipe Line Systems	29,091,458
"Net Delivered" from Trunk Systems per table 1	27,622,473
"Net Delivered" from Gathering Systems per table 2	1,468,985

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for February and are given herewith:

OIL BALANCE - ALL COMPANIES - FEBRUARY, 1954

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070
Received into Gathering Systems January 1 to February 28, 1954	11,238,307
Received into Trunk Systems January 1 to February 28, 1954	35,965,990
Total oil accountable for Period	54,132,655
Delivered from Gathering Systems January 1 to February 28, 1954	11,240,206
Delivered from Trunk Systems January 1 to February 28, 1954	35,457,654
Balance to be accounted for at February 28, 1954	7,434,795
Oil consumed as fuel and losses	90,747
Balance on hand - February 28, 1954	7,344,048
Total Shippers Balances - February 28, 1954	(1) 6,633,311
Total Carriers Balances - February 28, 1954	710,737

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
February, 1953	-	(2) 1,007,041	48,577
January, 1954	2,672,137	177,230	332,722
February, 1954	2,636,741	-	314,814

- (1) Includes 925,113 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
- (2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1 9 5 4	JANUARY 1 9 5 4	FEBRUARY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	17,648,830	18,317,160	10,871,738	35,965,990
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,010,900	891,217	292,221	1,902,117
3. Other pipe lines - Gathering	2,093,977	2,293,675	1,474,579	4,387,652
4. Trunk	5,766,205	5,562,482	2,333,766	11,328,687
5. <u>Net Received</u> (6+7+8)	8,777,748	9,569,786	6,771,172	18,347,534
6. Originating on own trunk lines	4,121,838	4,427,042	2,382,817	8,548,880
7. Received from foreign pipe line connections	4,533,971	5,046,584	4,347,776	9,580,555
8. Received from other carriers (rail & truck)	121,939	96,160	40,579	218,090
9. <u>Total Delivered</u> * (10+11)	17,213,352	18,244,302	10,765,372	35,457,654
10. Less: Delivered to other Canadian trunk lines	4,142,397	3,692,784	1,452,163	7,835,181
11. <u>Net Delivered</u> (12+13+14)	13,070,955	14,551,518	9,313,189	27,622,473
12. Terminated on own trunk lines	10,455,477	11,182,922	8,031,577	21,638,399
13. Delivered to foreign pipe line connections	2,615,478	3,368,596	1,281,612	5,984,074
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1 9 5 4	JANUARY 1 9 5 4	FEBRUARY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	5,377,633	5,860,674	3,490,649	11,238,307
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	5,377,633	5,860,674	3,490,649	11,238,307
18. Originating on own gathering system	5,202,306	5,708,264	3,380,516	10,910,570
19. Received from other carriers (rail & truck)	175,327	152,410	110,133	327,737
20. <u>Total Delivered</u> * (21+22+23)	5,366,379	5,873,827	3,490,056	11,240,206
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,010,900	891,217	292,221	1,902,117
22. Other pipe lines	3,701,782	4,167,322	2,339,382	7,869,104
23. <u>Net Delivered</u> (24+25)	653,697	815,288	858,453	1,468,985
24. Terminated on gathering systems	639,201	717,589	706,857	1,356,790
25. Delivered to other carriers (rail & truck)	14,496	97,699	151,596	112,195

✓ Includes natural gasoline and products

* Includes duplications

✓ Includes natural gasoline

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	FEBRUARY 1954	JANUARY 1954	FEBRUARY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	5,377,633	5,860,674	3,490,649	11,238,307
Trunk	1,527,592	1,590,553	680,610	3,118,146
Saskatchewan - Trunk	-	1,947	-	1,947
Manitoba - Trunk	121,939	94,213	40,579	216,162
Ontario (2) - Trunk	1,512,353	1,551,505	1,090,003	3,063,858
Quebec (3) - Trunk	5,615,864	6,331,568	4,959,980	11,947,432
Net Received - Trunk	8,777,748	9,569,786	6,771,172	18,347,534
- Total	14,155,381	15,430,460	10,261,821	29,585,841

Table 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	FEBRUARY 1954	JANUARY 1954	FEBRUARY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	1,067,235	939,868	-	2,007,103
Alberta (1) - Gathering	653,697	815,288	858,453	1,468,985
- Trunk	613,268	602,903	470,492	1,216,171
Saskatchewan - Trunk	1,134,025	1,221,726	1,071,621	2,355,751
Manitoba - Trunk	3,142,470	3,911,760	1,732,736	7,054,230
Ontario (2) - Trunk	2,594,523	2,837,248	1,701,198	5,431,771
Quebec - Trunk	4,519,434	5,038,013	4,337,142	9,557,447
Net Delivered - Trunk	13,070,955	14,551,518	9,313,189	27,622,473
- Total	13,724,652	15,366,806	10,171,642	29,091,458
Including deliveries to U.S. pipe lines at Gretna, Man.	2,615,478	3,368,596	1,281,612	5,984,074

TABLE 5

OPERATING STATISTICS

	FEBRUARY 1954	JANUARY 1954	FEBRUARY 1953	YEAR TO DATE 1954
Barrels Handled - Daily Average				
Gathering Systems Barrels	191,656	189,478	124,645	190,512
Trunk Lines "	614,763	588,626	384,478	600,977
Total Barrel Miles (Trunk Lines) Million	4,842	5,478	2,565	10,320
Average Miles per Barrel (Trunk Lines) Miles	281.3	300.2	258.2	291.0
Employees and Earnings (6)				
Average Number (4) No.	1,140	1,007	869	1,124
Total Salaries and Wages \$	428,750	433,051	300,953	861,801
Man Hours Worked by Wage Earners (5)(6) Hours	44,019	49,713	44,327	93,732

(1) Includes natural gasoline

(2) Products of refineries

(3) Includes some products

(4) Includes salaried employees

(5) Includes overtime

(6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1964

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>			<u>Barrels</u>			
This month (February, 1964)	4,004,785	5,593,403	4,533,971	1,376,401	(2) 6,507,003	22,016,563
This year (2 months)	8,491,191	11,622,005	9,580,555	2,300,091	(3) 13,308,338	45,302,180
<u>Total Delivered out of System</u>						
This month (February, 1964)	4,006,230	5,499,754	4,519,434	1,067,235	(4) 6,476,178	21,568,831
This year (2 months)	8,504,696	11,472,757	9,557,447	2,007,103	(5) 13,253,740	44,795,743
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1964)	143,080	-	-	-	48,576	191,656
This year (2 months)	144,148	-	-	-	46,364	190,512
<u>Trunk Lines</u>						
This month (February, 1964)	-	196,420	161,408	38,116	218,819	614,763
This year (2 months)	-	194,454	161,990	34,019	210,514	600,977
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (February, 1964)	-	2,899	333	766	644	4,642
This year (2 months)	-	6,424	703	1,441	1,752	10,320
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (February, 1964)	-	527.0	73.6	718.0	137.0	281.3
This year (2 months)	-	560.0	73.6	718.0	141.0	291.0
EMPLOYEES AND EARNINGS						
<u>Number of employees (February, 1964)</u>	213	398	<u>Number</u>			
			42	185	(6) 302	1,140
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1964)	69,861	153,263	15,708	83,373	(6) 106,525	428,750
This year (2 months)	145,722	302,174	31,632	167,207	(6) 215,066	861,801
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1964)	20,532	1,157	341	3,411	(6) 18,578	44,019
This year (2 months)	46,389	1,301	661	6,811	(6) 38,570	93,732

* Totals include duplication between companies

(1) Includes Amurex Oil Development Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 2,594,246 bbls. products and 37,055 bbls. natural gasoline.

(3) Includes 5,430,755 bbls. products and 85,574 bbls. natural gasoline.

(4) Includes 2,594,523 bbls. products and 39,749 bbls. natural gasoline.

(5) Includes 5,431,771 bbls. products and 85,794 bbls. natural gasoline.

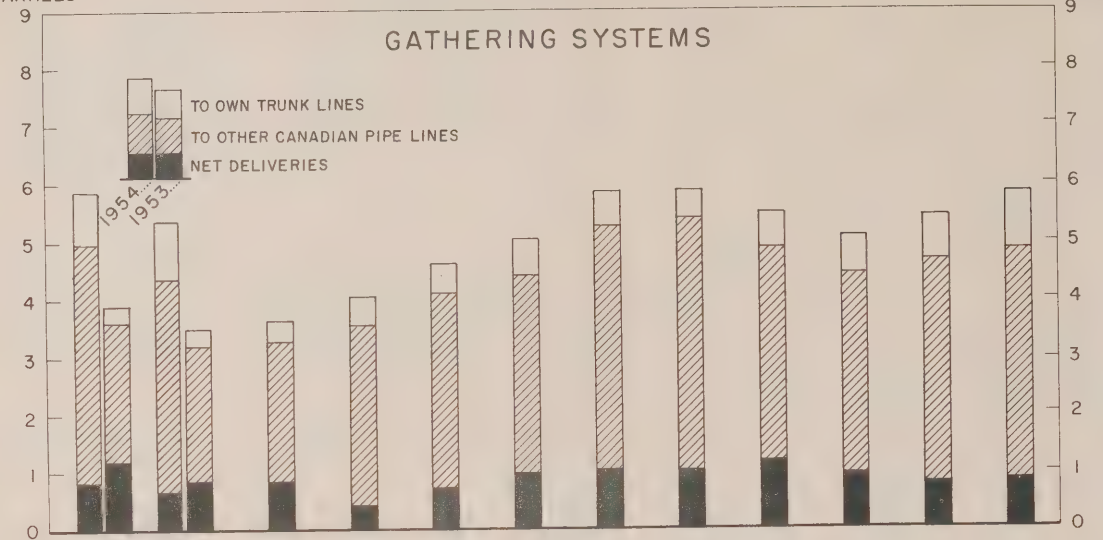
(6) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

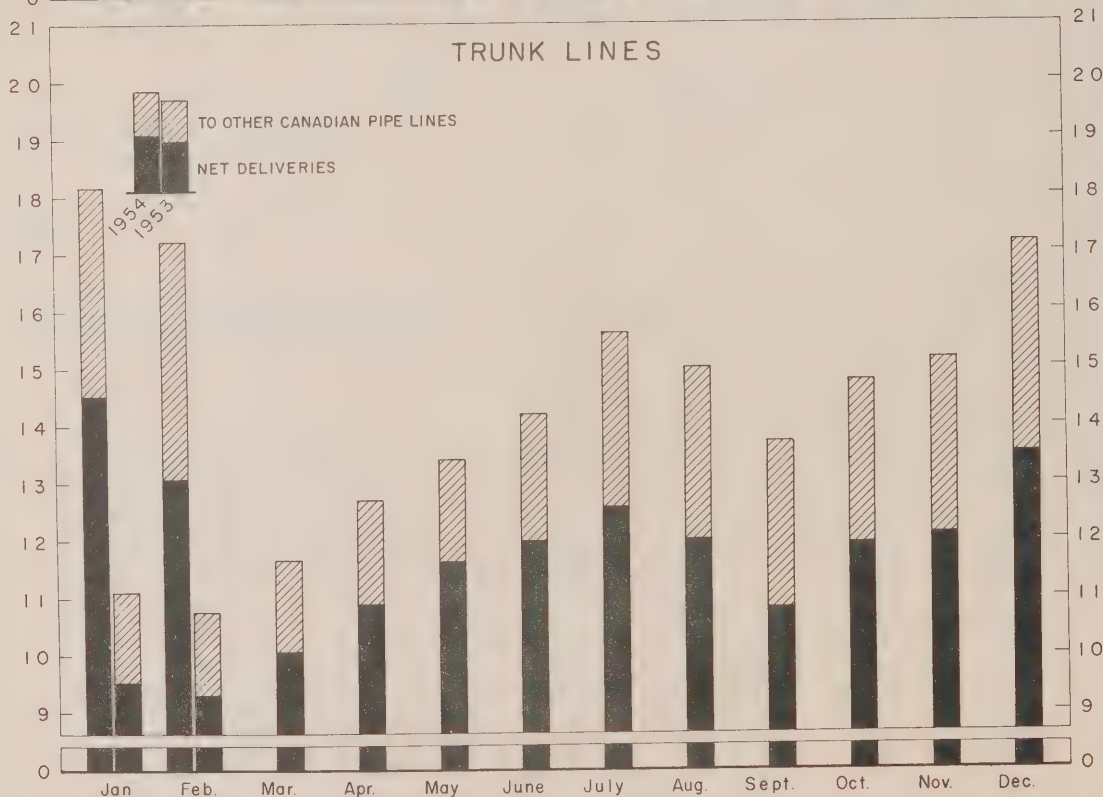
MILLION
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GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

VOL. 4, NO. 3

MARCH, 1954

PRICE: \$1.00 per year.

PIPE LINES (OIL) STATISTICS

Total net deliveries of oil through Canadian pipe lines during March averaged 411,600 barrels per day, a drop of 16 p.c. from the February average of 490,166 barrels, but an increase of 17 p.c. over March 1953.

Net deliveries from both gathering systems and trunk lines amounted to 12,759,590 barrels. This was a decrease of 7 p.c. from February deliveries, but an increase of 17 p.c. over the corresponding month last year. Compared with last year net deliveries recorded increases in all provinces except Alberta and Saskatchewan, the provincial figures being as follows (1953 data in brackets): British Columbia, 1,223,723 barrels (nil*); Alberta, 1,155,808 (1,315,496); Saskatchewan 887,357 (938,854); Manitoba 2,182,524 (2,113,005); Ontario 2,505,880 (2,187,284), and Quebec, 4,804,298 (4,350,667). Manitoba deliveries included 1,605,104 barrels (1,625,429) transferred to the Lakehead Pipe Line Company at Gretna and 577,420 (487,576) delivered within the province. During March 2,273,928 barrels of oil from western Canada were transported through the United States by the Lakehead Pipe Line Company to re-enter Canada at Sarnia, as shown in the table at the foot of page 2.

Net receipts of oil for shipment by pipe line amounted to 12,913,907 barrels in March, down 9 p.c. from February's receipts of 14,155,381 barrels. Included in the March total were 5,376,527 barrels of Alberta crude, 49,065 barrels of Alberta natural gasoline, 128,737 of Manitoba crude, 4,813,256 of imported crude and 2,546,332 barrels of refinery products. Total net receipts for the first three months of the year amounted to 42,499,748 barrels, compared with 32,168,016 barrels in the corresponding period last year, an increase of 32 p.c.

Net deliveries for the first quarter of 1954 totalled 41,851,048 barrels, almost 32 p.c. above the total of 31,802,249 barrels delivered in the same quarter of 1953. Provincial totals for the three month period were as follows, (1953 data in brackets): British Columbia, 3,230,826 barrels (nil*); Alberta, 3,840,964 (4,233,465); Saskatchewan, 3,243,108 (3,232,668); Manitoba 9,236,754 (5,527,661); Ontario 7,937,651 (5,403,711) and Quebec, 14,561,745 (13,404,744). The Manitoba deliveries included 7,589,178 (4,099,509) barrels of oil transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for movement through the United States. This oil is destined principally to refineries at Sarnia.

Gathering systems delivered an average of 142,281 barrels per day in March, down 26 p.c. from the record of 191,656 barrels made in February, but well above the March 1953 average of 117,722 barrels per day. Trunk line deliveries also were below the February record by 18 p.c., amounting to an average of 503,484 barrels per day, as against 614,763 barrels last month, but 54 p.c. above March, 1953.

Total barrel miles at 3,997 million recorded a drop of 17 p.c. from the February figure of 4,842 million, but were 37 p.c. above the 2,917 million recorded in March, 1953. The average length of haul was also down at 256.1 miles.

Employment reached a new peak with 1,194 employees for the month, up 5 p.c. from February and 56 p.c. above last year. Salaries and wages amounted to \$448,006 for March compared with \$428,750 for February and were \$106,559 or 31 p.c. above March, 1953.

For the three months ending March 31st, total deliveries of the Interprovincial Pipe Line Company amounted to 15,515,862 barrels compared with 8,996,295 barrels in the same period last year, an increase of 72 p.c. due almost entirely to the extension of pipe line from Superior to Sarnia. The Montreal Pipe Line Company delivered a total of 14,561,745 barrels in the first quarter, an increase of 7 p.c. over deliveries of 13,404,744 barrels last year, and the Imperial Pipe Line Company delivered 11,645,905 barrels in the same period as against 9,117,167 barrels last year, an increase of 28 p.c. With the completion of a new refinery at Kamloops, Trans Mountain's deliveries rose in March to 1,223,826 barrels, giving a total for the first quarter of 3,230,929 barrels.

Revenues for the first three months of the year amounted to \$9,719,540 nearly double the 1953 figure of \$5,143,278 for the same period.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first three months of 1954, per table 6	64,498,199
Received into Trunk Lines from Other Canadian Pipe Lines	21,998,451
"Net Received" into Canadian Pipe Line Systems	42,499,748
"Net Received" into Trunk Systems per table 1	26,795,343
"Net Received" into Gathering Systems per table 2	15,704,405
Total Delivered out of Systems - all companies -	
during first three months of 1954, per table 6	63,809,250
Delivered to other Canadian Pipe Lines	21,958,202
"Net Delivered" from Canadian Pipe Line Systems	41,851,048
"Net Delivered" from Trunk Systems per table 1	39,925,292
"Net Delivered" from Gathering Systems per table 2	1,925,756

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1954

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070
Received into Gathering Systems January 1 to March 31, 1954	15,704,405
Received into Trunk Systems January 1 to March 31, 1954	51,701,145
Total oil accountable for Period	74,333,908
Delivered from Gathering Systems January 1 to March 31, 1954	15,650,936
Delivered from Trunk Systems January 1 to March 31, 1954	51,065,665
Balance to be accounted for at March 31, 1954	7,617,307
Oil consumed as fuel and losses	100,844
Balance on hand - March 31, 1954	7,516,463
Total Shippers Balances - March 31, 1954	(1) 6,837,789
Total Carriers Balances - March 31, 1954	678,674

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
March, 1953	-	(2) 1,117,561	46,552
February, 1954	2,636,741	-	314,814
March, 1954	2,273,928	-	390,622

(1) Includes 859,821 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

(2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MARCH 1 9 5 4	FEBRUARY 1 9 5 4	x MARCH 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	15,735,155	17,648,830	11,777,667	51,701,145
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,005,234	1,010,900	368,572	2,907,351
3. Other pipe lines - Gathering	1,521,777	2,093,977	1,479,423	5,909,429
4. Trunk	4,760,335	5,766,205	2,570,147	16,089,022
5. Net Received (6+7+8)	8,447,809	8,777,748	7,369,525	26,795,343
6. Originating on own trunk lines	3,505,816	4,121,838	2,921,010	12,054,696
7. Received from foreign pipe line connections	4,813,256	4,533,971	4,400,717	14,393,811
8. Received from other carriers (rail & truck)	128,737	121,939	37,798	346,836
9. Total Delivered * (10+11)	15,608,011	17,213,352	11,672,062	51,065,665
10. Less: Delivered to other Canadian trunk lines	3,305,192	4,142,397	1,609,175	11,140,373
11. Net Delivered (12+13+14)	12,302,819	13,070,955	10,062,887	39,925,292
12. Terminated on own trunk lines	10,697,715	10,456,477	8,436,468	32,336,114
13. Delivered to foreign pipe line connections	1,605,104	2,615,478	1,626,429	7,589,178
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MARCH 1 9 5 4	FEBRUARY 1 9 5 4	MARCH 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	4,466,098	5,377,633	3,642,213	15,704,405
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	4,466,098	5,377,633	3,642,213	15,704,405
18. Originating on own gathering system	4,269,290	5,202,306	3,538,576	15,179,860
19. Received from other carriers (rail & truck)	196,808	175,327	103,637	524,545
20. Total Delivered * (21+22+23)	4,410,730	5,366,379	3,649,392	15,650,936
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,005,234	1,010,900	368,572	2,907,351
22. Other pipe lines	2,948,725	3,701,782	2,438,401	10,817,829
23. Net Delivered (24+25)	456,771	653,697	842,419	1,925,756
24. Terminated on gathering systems	434,794	639,201	743,984	1,791,584
25. Delivered to other carriers (rail & truck)	21,977	14,496	98,435	134,172

/ Includes natural gasoline and products

* Includes duplications

/ Includes natural gasoline

x Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	MARCH 1 9 5 4	FEBRUARY 1 9 5 4	x MARCH 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	4,466,098	5,377,633	3,642,213	15,704,405
- Trunk	959,484	1,527,592	740,764	4,077,629
Saskatchewan - Trunk	-	-	-	1,947
Manitoba - Trunk	128,737	121,939	37,798	344,889
Ontario (2) - Trunk	1,466,767	1,512,353	1,182,014	4,530,625
Quebec (3) - Trunk	5,892,821	5,615,864	5,398,949	17,840,253
Net Received - Trunk	8,447,809	8,777,748	7,359,525	26,795,343
- Total	12,913,907	14,165,381	11,001,738	42,499,748

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	MARCH 1 9 5 4	FEBRUARY 1 9 5 4	MARCH 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	1,223,723	1,067,235	-	3,230,826
Alberta (1) - Gathering	456,771	653,697	842,419	1,925,766
- Trunk	699,037	613,268	473,077	1,915,208
Saskatchewan - Trunk	887,357	1,134,025	938,854	3,243,108
Manitoba - Trunk	2,182,524	3,142,470	2,113,005	9,236,764
Ontario (2) - Trunk	2,505,880	2,594,523	2,187,284	7,937,661
Quebec - Trunk	4,804,298	4,519,434	4,350,667	14,361,745
Net Delivered - Trunk	12,302,819	13,070,955	10,062,887	39,925,292
- Total	12,759,590	13,724,652	10,905,306	41,851,048
Including deliveries to U.S. pipe lines at Gretna, Man.	1,605,104	2,615,478	1,625,429	7,589,178

TABLE 5

OPERATING STATISTICS

	MARCH 1 9 5 4	FEBRUARY 1 9 5 4	MARCH 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average				
Gathering Systems Barrels	142,281	191,656	117,722	173,899
Trunk Lines "	503,484	614,763	376,518	567,396
Total Barrel Miles (Trunk Lines) Millions	3,997	4,842	2,917	14,317
Average Miles per Barrel (Trunk Lines) Miles	256.1	281.3	249.9	280.4
Employees and Earnings (6)				
Average Number (4) No.	1,194	1,140	875	1,147
Total Salaries and Wages \$	448,006	428,750	341,447	1,309,807
Man Hours Worked by Wage Earners (5)(6) Hours	54,976	44,019	51,000	148,708

- (1) Includes natural gasoline
 (2) Products of refineries
 (3) Includes some products
 (4) Includes salaried employees
 (5) Includes overtime
 (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line
 x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MARCH, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>			<u>Barrels</u>			
This month (March, 1954)	3,164,057	4,124,536	4,813,266	1,250,364	(2) 5,843,806	19,198,019
This year (3 months)	11,655,248	15,746,541	14,393,811	3,550,455	(3) 19,152,144	64,498,199
<u>Total Delivered out of System</u>						
This month (March, 1954)	3,141,209	4,043,105	4,804,298	1,223,826	(4) 5,801,069	19,013,507
This year (3 months)	11,645,905	15,515,862	14,361,745	3,230,929	(5) 19,054,809	63,809,250
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (March, 1954)	101,329	-	-	-	40,952	142,281
This year (3 months)	129,399	-	-	-	44,500	173,899
<u>Trunk Lines</u>						
This month (March, 1954)	-	130,423	154,977	39,478	178,606	503,484
This year (3 months)	-	172,398	159,575	35,899	199,524	567,396
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (March, 1954)	-	2,002	354	863	778	3,937
This year (3 months)	-	8,426	1,057	2,304	2,550	14,317
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (March, 1954)	-	495.0	73.5	706.0	140.6	266.1
This year (3 months)	-	543.0	73.5	714.0	140.8	280.4
OPERATING REVENUES			<u>Dollars</u>			
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,476	2,551,046	9,719,540
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of employees (March, 1954)	218	429	42	188	(6) 317	1,194
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (March, 1954)	75,720	161,444	15,561	83,667	(6) 111,614	448,006
This year (3 months)	221,442	463,618	47,193	250,874	(6) 326,680	1,309,807
<u>Man Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (March, 1954)	27,585	3,018	380	3,103	(6) 20,890	54,976
This year (3 months)	73,974	4,319	1,041	9,914	(6) 59,460	148,708

* Totals include duplication between companies

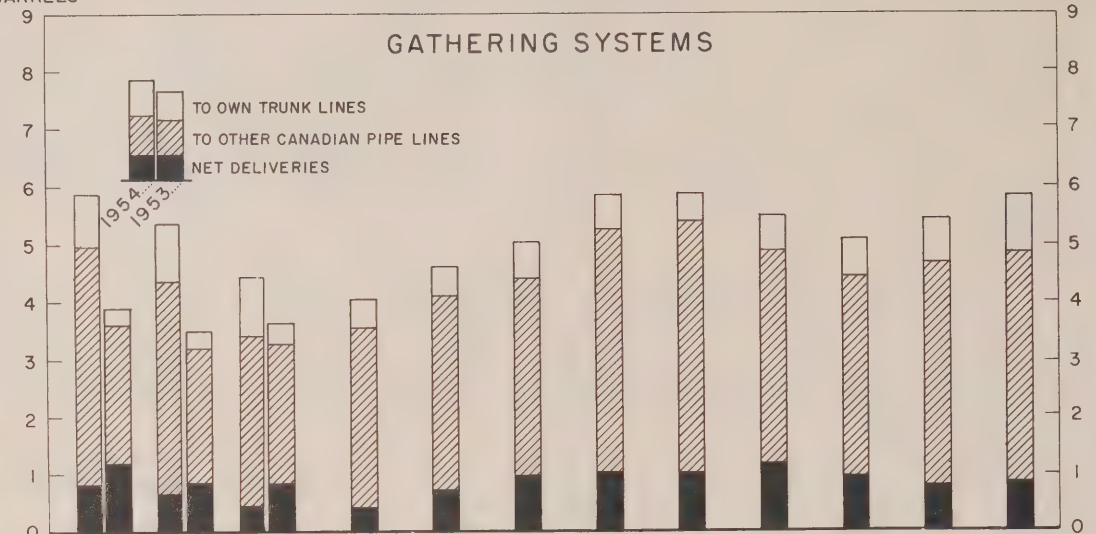
- (1) Includes Amurex Oil Development Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,546,332 bbls. products and 49,055 bbls. natural gasoline.
- (3) Includes 7,977,067 bbls. products and 134,629 bbls. natural gasoline.
- (4) Includes 2,505,880 bbls. products and 45,926 bbls. natural gasoline.
- (5) Includes 7,937,651 bbls. products and 131,720 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

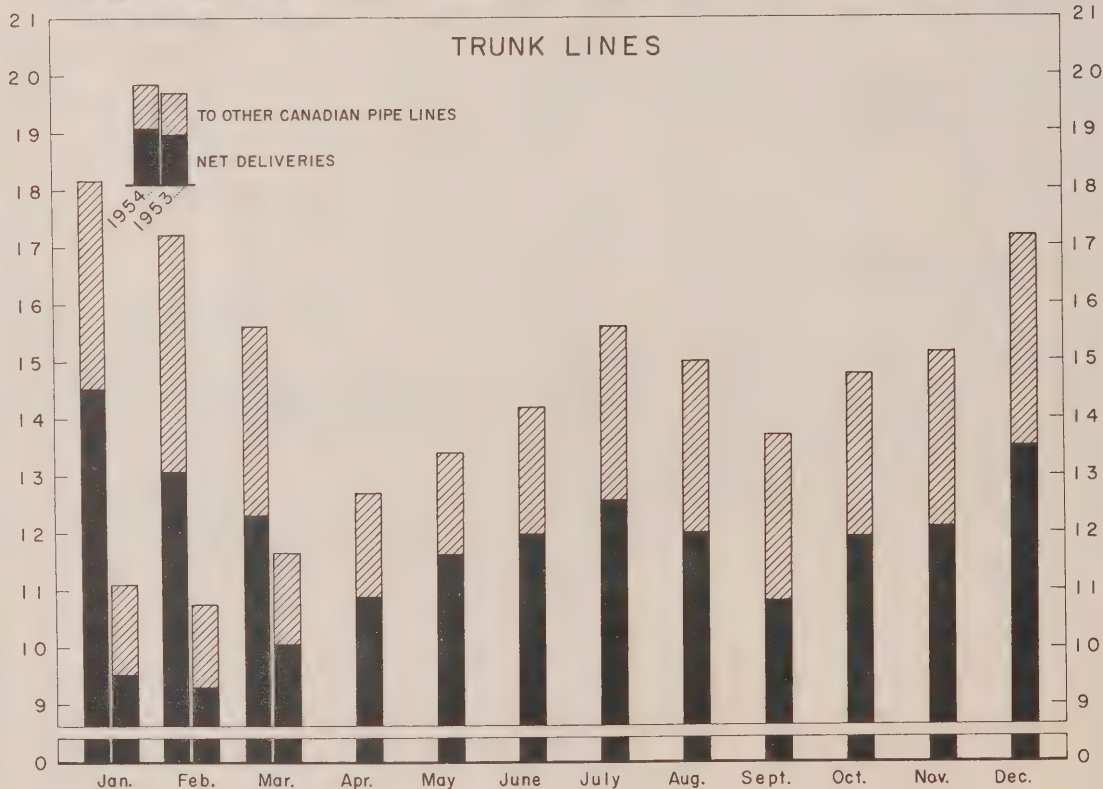
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 4 No. 4

April, 1954

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

The volume of oil carried by Canadian pipe lines during April amounted to net deliveries of 405,688 barrels per day compared with a daily average of 411,600 barrels in March. Compared with the previous year, average deliveries were up by 28,028 barrels per day, or 7 p.c.

Total net deliveries for the month amounted to 12,170,661 barrels, an increase of 841,000 barrels over the corresponding month in 1953. Provincial deliveries were as follows (1953 data in brackets): British Columbia, 822,961 barrels (nil*); Alberta, 1,176,115 (957,569); Saskatchewan, 790,791 (1,134,714); Manitoba, 2,324,491 (3,026,927); Ontario, 2,565,832 (2,177,016); and Quebec, 4,490,471 (4,033,582). Included in the Manitoba deliveries were 1,781,284 barrels (2,502,513) transferred to the Lakehead Pipe Line Company at Gretna and 543,207 (524,414) delivered within the province. Oil from western Canada moved through the United States via the Lakehead line to re-enter Canada at Sarnia amounted to 2,081,025 barrels for April, bringing the year-to-date total to 9,663,831 barrels.

Included in the net receipts of oil for pipe line shipment in April were 4,624,939 barrels of Alberta crude 46,939 of Alberta natural gasoline, 4,516,460 imported crude and 2,564,545 barrels of refinery products. For the four months, January to April, net receipts totalled 54,252,631 barrels compared with 43,358,507 barrels in the same period last year, an increase of 25 p.c.

Net deliveries for the first four months of the year also recorded a 25 p.c. increase, amounting to 54,021,709 barrels in 1954 as against 43,132,057 in 1953. Provincial figures for the four-month period were as follows (1953 data in brackets): British Columbia, 4,053,787 barrels (nil*); Alberta, 5,017,079 (5,191,034); Saskatchewan, 4,033,899 (4,367,382); Manitoba, 11,561,245 (8,554,588); Ontario, 10,503,483 (7,580,727); and Quebec, 18,852,216 (17,430,326). Manitoba deliveries included 9,370,462 (6,602,022) barrels of oil transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States, principally destined to refineries at Sarnia.

Deliveries from gathering systems dropped during April to a daily average of 131,714 barrels from an average of 142,281 barrels in March and 134,956 in April last year. Trunk line deliveries also recorded a drop at 473,111 barrels per day in April, compared with 503,484 in March, but were almost 12 p.c. above the daily average of 424,888 barrels recorded in April 1953.

Barrel miles for trunk lines continued downward with a total for April of 3,701 million as against 3,777 million in March. The average length of haul at 260.6 miles showed a slight improvement over March but was 14 p.c. below April, 1953.

The number of employees dropped from 1,194 in March to 1,187 in April but was well above the 836 recorded in April 1953. Salaries and wages rose to \$453,624 from \$448,006 in March and \$308,246 last year. Average earnings for the month were thus 11 p.c. above April, 1953.

Deliveries of all major pipe lines recorded decreases in April. The Imperial Pipe Line delivered a daily average of 92,262 barrels compared with 101,329 barrels in March. Interprovincial dropped from an average of 130,413 barrels per day in March to 122,778, the Montreal Pipe Line from 154,997 barrels to 149,682 and Trans Mountain from 39,474 to 27,432 barrels.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of Anglo-Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

Prepared in the Public Finance and Transportation Division

8504-508
21-6-54

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first four months of 1954, per table 6	81,422,227
Received into Trunk Lines from Other Canadian Pipe Lines	27,169,596
"Net Received" into Canadian Pipe Line Systems	54,252,631
"Net Received" into Trunk Systems per table 1	34,684,021
"Net Received" into Gathering Systems per table 2	19,568,610
Total Delivered out of Systems - all companies -	
during first four months of 1954, per table 6	81,001,834
Delivered to other Canadian Pipe Lines	26,980,125
"Net Delivered" from Canadian Pipe Line Systems	54,021,709
"Net Delivered" from Trunk Systems per table 1	51,337,488
"Net Delivered" from Gathering Systems per table 2	2,684,221

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1954

	Barrels	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to April 30, 1954	19,568,610	
Received into Trunk Systems January 1 to April 30, 1954	65,719,176	85,287,786
Total oil accountable for Period		92,216,144
Delivered from Gathering Systems January 1 to April 30, 1954	19,602,365	
Delivered from Trunk Systems January 1 to April 30, 1954	65,265,028	84,867,393
Balance to be accounted for at April 30, 1954		7,348,751
Oil consumed as fuel and losses		103,221
Balance on hand - April 30, 1954		7,245,530
Total Shippers Balances - April 30, 1954	(1) 6,605,268	
Total Carriers Balances - April 30, 1954		640,262

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
April, 1953	-	(2) 979,252	52,693
March, 1954	2,273,928	-	390,622
April, 1954	2,081,025	-	197,695

- (1) Includes 723,021 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
(2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	APRIL 1954	MARCH 1954	x APRIL 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received ★ (2+3+4+5)	14,018,031	15,735,155	14,562,572	65,719,176
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	958,208	1,005,234	498,232	3,865,559
3. Other pipe lines - Gathering	1,270,161	1,521,777	1,752,885	7,179,590
4. Trunk	3,900,984	4,760,335	3,170,803	19,990,006
5. Net Received (6+7+8)	7,888,678	8,447,809	7,160,655	31,684,021
6. Originating on own trunk lines	3,352,615	3,505,816	3,064,992	15,407,311
7. Received from foreign pipe line connections	4,516,460	4,813,256	4,005,402	18,910,271
8. Received from other carriers (rail & truck)	19,603	128,737	30,261	366,439
9. Total Delivered ★ (10+11)	14,199,363	15,608,011	12,716,555	64,684,021
10. Less: Delivered to other Canadian trunk lines	2,787,167	3,305,192	1,807,205	13,227,940
11. Net Delivered (12+13+14)	11,412,196	12,302,819	10,909,350	51,456,081
12. Terminated on own trunk lines	9,630,912	10,697,715	8,406,837	41,467,226
13. Delivered to foreign pipe line connections	1,781,284	1,605,104	2,502,513	9,571,427
14. Delivered to other carriers (rail & truck)	-	-	-	-

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	APRIL 1954	MARCH 1954	APRIL 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	3,864,205	4,466,098	4,089,836	19,568,610
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	3,864,205	4,466,098	4,089,836	19,568,610
18. Originating on own gathering system	3,683,008	4,269,290	4,020,519	18,227,917
19. Received from other carriers (rail & truck)	181,197	196,808	69,317	1,340,693
20. Total Delivered ★ (21+22+23)	3,951,429	4,410,730	4,144,680	19,914,910
Less: Delivered to other pipe lines -				
21. Own Trunk system	958,208	1,005,234	498,232	3,865,559
22. Other pipe lines	2,234,756	2,948,725	3,129,990	13,052,585
23. Net Delivered (24+25)	758,465	456,771	516,458	2,996,766
24. Terminated on gathering systems	734,153	434,794	352,645	2,996,777
25. Delivered to other carriers (rail & truck)	24,312	21,977	61,513	158,484

★ Includes natural gasoline and products.

★ Includes duplications.

★ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	APRIL 1 9 5 4	MARCH 1 9 5 4	APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	3,864,205	4,466,098	4,089,836	19,568,610
- Trunk	807,673	959,484	885,741	4,885,302
Saskatchewan - Trunk	-	-	-	1,947
Manitoba - Trunk	-	128,737	30,261	344,889
Ontario (2) - Trunk	1,513,776	1,466,767	1,154,496	6,044,401
Quebec (3) - Trunk	5,567,229	5,892,821	5,030,157	23,407,482
Net Received - Trunk	7,888,678	8,447,809	7,100,655	34,684,021
- Total	11,752,883	12,913,907	11,190,491	54,252,631

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED

OR WERE TRANSFERRED TO OTHER CARRIERS

Province	APRIL 1 9 5 4	MARCH 1 9 5 4	x APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	822,961	1,223,723	-	4,053,787
Alberta (1) - Gathering	758,465	456,771	420,458	2,684,221
- Trunk	417,650	699,037	537,111	2,332,858
Saskatchewan - Trunk	790,791	887,357	1,134,714	4,033,899
Manitoba / - Trunk	2,324,491	2,182,524	3,026,927	11,561,245
Ontario (2) - Trunk	2,565,832	2,505,880	2,177,016	10,503,483
Quebec - Trunk	4,490,471	4,804,298	4,033,582	18,852,216
Net Delivered - Trunk	11,412,196	12,302,819	10,909,350	51,337,488
- Total	12,170,661	12,759,590	11,329,808	54,021,709
/ Including deliveries to U.S. pipe lines at Gretna, Man.	1,781,284	1,605,104	2,502,513	9,370,462

TABLE 5

OPERATING STATISTICS

		APRIL 1 9 5 4	MARCH 1 9 5 4	APRIL 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	131,714	142,281	134,956	163,353
Trunk Lines	"	473,312	503,484	423,885	543,875
Total Barrel Miles (Trunk Lines)	Millions	3,701	3,997	3,857	18,017
Average Miles per Barrel (Trunk Lines)	Miles	260.6	256.1	303.3	276.1
Employees and Earnings (6)					
Average Number (4)	No.	1,187	1,194	896	1,157
Total Salaries and Wages	\$	453,624	448,006	308,246	1,763,431
Man Hours Worked by Wage Earners (5) (6)	Hours	51,730	54,976	49,525	200,438

- (1) Includes natural gasoline.
 - (2) Products of refineries.
 - (3) Includes some products.
 - (4) Includes salaried employees.
 - (5) Includes overtime.
 - (6) Excludes Anglo-Canadian Oils Limited and Sarnia Products Line.
- x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC ★						
<u>Total Received into System</u>				Barrels		
This month (April, 1954)	2,742,173	3,484,506	4,516,460	796,503	(2) 5,384,300	16,923,942
This year (4 months)	14,397,421	19,331,047	18,910,271	4,346,958	(3) 24,536,000	87,021,697
<u>Total Delivered out of System</u>						
This month (April, 1954)	2,767,851	3,683,345	4,490,471	822,961	(4) 5,426,000	17,180,628
This year (4 months)	14,413,756	19,199,207	18,834,216	4,053,890	(5) 24,481,700	86,991,769
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (April, 1954)	92,262	-	-	-	39,452	131,714
This year (4 months)	120,115	-	-	-	43,238	163,353
<u>Trunk Lines</u>						
This month (April, 1954)	-	122,778	149,682	27,432	173,420	473,312
This year (4 months)	-	150,993	157,101	33,782	170,000	531,876
<u>Total Barrel Miles</u>						
(Trunk Lines - in millions)				Miles		
This month (April, 1954)	-	2,040	331	573	757	3,701
This year (4 months)	-	10,466	1,387	2,877	3,287	18,017
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (April, 1954)	-	554.0	73.6	691.0	145.5	260.6
This year (4 months)	-	545.0	73.6	710.0	144.4	256.7
OPERATING REVENUES				Dollars		
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	2,551,046	9,719,540
EMPLOYEES AND EARNINGS				Number		
Number of employees (April, 1954)	218	430	46	174	(6) 319	1,187
<u>Salaries and Wages</u>				Dollars		
This month (April, 1954)	75,198	165,982	16,325	80,856	(6) 115,263	453,624
This year (4 months)	296,640	629,600	63,518	331,730	(6) 441,943	1,763,431
<u>Man Hours Worked by Wage Earners</u>				Hours		
This month (April, 1954)	26,398	2,124	640	1,520	(6) 21,048	51,730
This year (4 months)	100,372	6,443	1,681	11,434	(6) 80,508	200,438

★ Totals include duplication between companies.

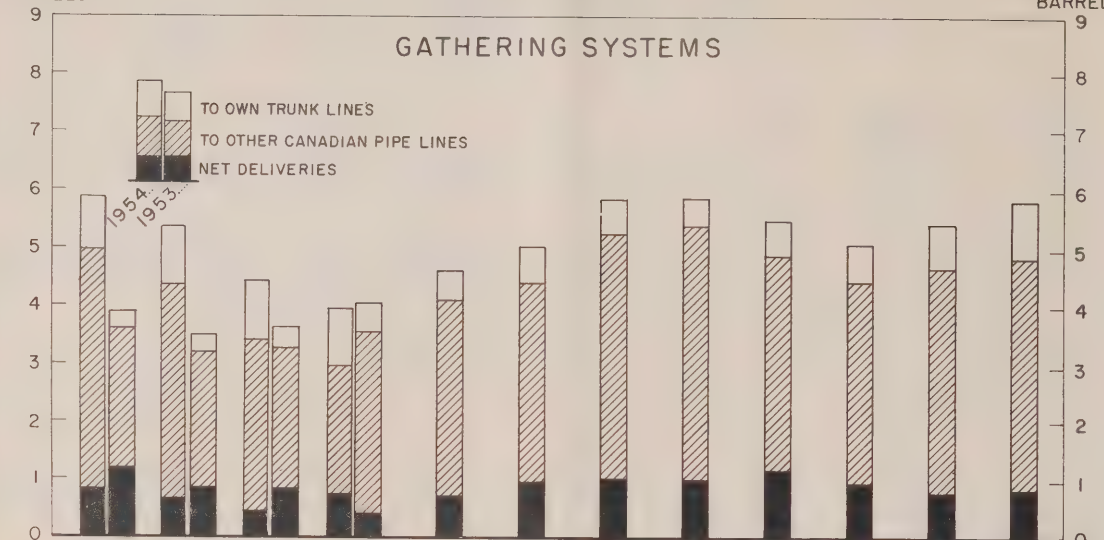
- (1) Includes Amurex Oil Development Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Western Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,564,545 bbls. products and 46,939 bbls. natural gasoline.
- (3) Includes 10,541,612 bbls. products and 181,568 bbls. natural gasoline.
- (4) Includes 2,565,832 bbls. products and 44,914 bbls. natural gasoline.
- (5) Includes 10,503,483 bbls. products and 176,634 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

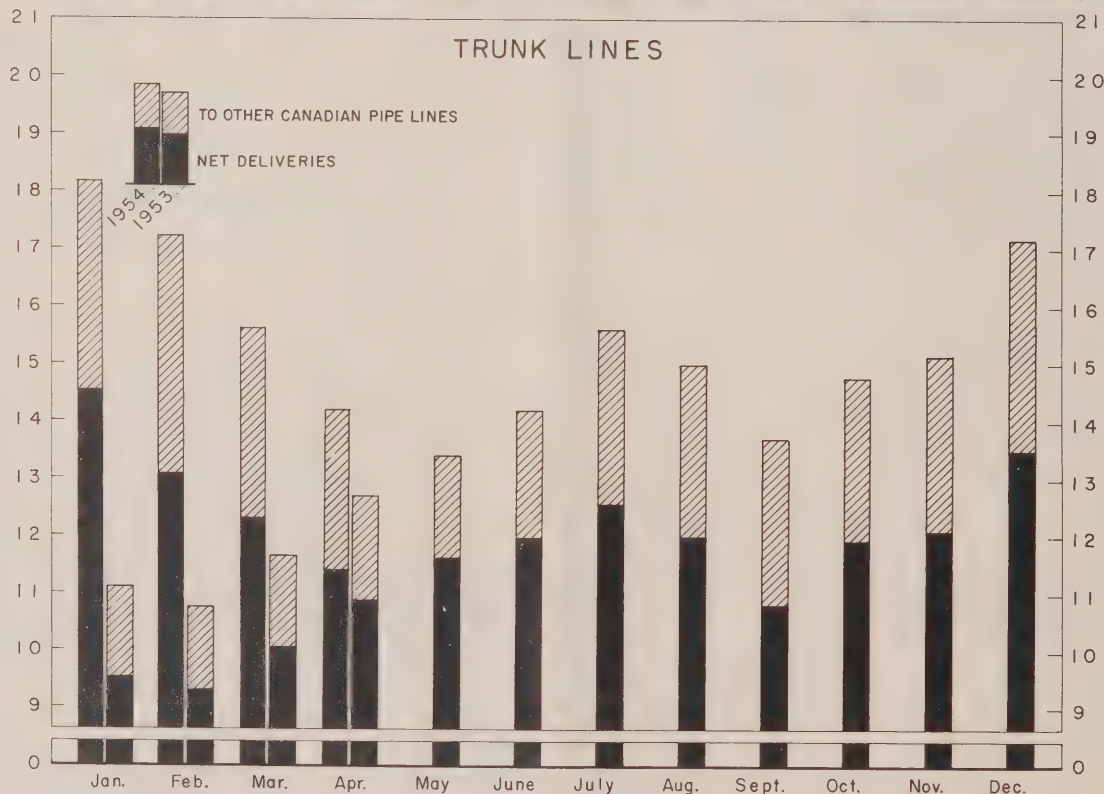
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Memorandum

VOL. 4, NO. 5

MAY, 1954

PRICE: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Oil carried by Canadian pipe lines increased during May with net deliveries amounting to 476,595 barrels per day. This was an increase of 17 p.c. over April deliveries of 406,618 barrels per day and 20 p.c. above the daily average of 398,679 barrels recorded in May last year.

Total net deliveries for the month amounted to 14,774,459 barrels, compared with 12,198,541 in April and 12,359,034 in the corresponding month last year. For the five months ended May 31st net deliveries rose to a total of 68,917,985 barrels as against 55,491,091 barrels during the same period of 1953, an increase of 24 p.c. Deliveries by provinces to the end of May were as follows (1953 data in brackets): British Columbia 4,998,717 barrels (nil*); Alberta 6,520,626 (6,325,534); Saskatchewan 5,223,219 (5,602,506); Manitoba 15,209,600 (12,001,556); Ontario 13,234,689 (9,953,693) and Quebec 23,731,134 (21,607,802). Included in the Manitoba figure was 12,687,721 barrels (9,778,953) transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States to Sarnia.

Net receipts for the month of May included 6,389,122 barrels of Alberta crude, 32,752 barrels of Alberta natural gasoline, 122,311 of Manitoba crude, 4,752,688 of imported crude and 2,693,764 barrels of refined products. Total net receipts of 13,990,637 barrels were 17 p.c. above the April figure of 11,912,967 barrels.

Both gathering systems and trunk lines reported increased deliveries during the month under review. Gathering systems handled an average of 167,713 barrels per day, 12 p.c. above the previous year, while trunk lines averaged 536,078 barrels per day against 433,176 in 1953, an increase of 24 p.c. Barrel miles rose from 3,701 million in April to 5,143 million, up 39 p.c. The average haul at 309.4 miles was also well above April's figure of 260.6 but below last year's 312.6.

Employees during May numbered 1,199, little changed from the preceding month, but 30 p.c. above the 920 recorded in May last year. Wages dropped slightly from \$455,512 in April to \$453,999 in May but were well above the 1953 wage figure of \$319,795.

Included in this report are two additional gathering systems, the Anglo American Exploration Company, operating in the Turner Valley area, and the Northern Development Company carrying oil from the Daly field in Manitoba to the Interprovincial Pipe Line at Cromer. Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

8504-508
28-7-54

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	Barrels
during first five months of 1954, per table 6	102,024,328
Received into Trunk Lines from Other Canadian Pipe Lines	33,247,961
"Net Received" into Canadian Pipe Line Systems	68,776,367
"Net Received" into Trunk Systems per table 1	43,464,909
"Net Received" into Gathering Systems per table 2	25,311,458
Total Delivered out of Systems - all companies -	Barrels
during first five months of 1954, per table 6	102,396,534
Delivered to other Canadian Pipe Lines	33,478,549
"Net Delivered" from Canadian Pipe Line Systems	68,917,985
"Net Delivered" from Trunk Systems per table 1	65,324,815
"Net Delivered" from Gathering Systems per table 2	3,593,170

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1954

	Barrels	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to May 31, 1954	25,311,458	
Received into Trunk Systems January 1 to May 31, 1954	81,533,160	106,844,618
Total oil accountable for Period		113,772,976
Delivered from Gathering Systems January 1 to May 31, 1954	25,333,367	
Delivered from Trunk Systems January 1 to May 31, 1954	81,883,457	107,216,824
Balance to be accounted for at May 31, 1954		6,556,152
Oil consumed as fuel and losses		115,497
Balance on hand - May 31, 1954		6,440,655
Total Shippers Balances - May 31, 1954	(1) 5,861,035	
Total Carriers Balances - May 31, 1954	579,620	

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
May, 1953	-	(2) 146,321	54,565
April, 1954	2,081,025	-	197,695
May, 1954	2,659,365	-	460,593

- (1) Includes 682,758 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.
- (2) Deliveries of Transit and Storage Company, whose pipe line properties have been sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MAY 1954	x APRIL 1954	MAY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	15,813,984	14,018,031	13,315,717	81,533,160
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	954,731	958,208	523,168	4,820,290
3. Other pipe lines - Gathering	2,069,030	1,402,494	1,942,900	9,380,953
4. Trunk	4,009,335	3,768,651	3,238,666	23,867,008
5. <u>Net Received (6+7+8)</u>	8,780,888	7,888,678	7,610,983	43,464,909
6. Originating on own trunk lines	4,028,200	3,362,615	3,370,910	19,435,511
7. Received from foreign pipe line connections	4,752,688	4,516,460	4,210,833	23,662,959
8. Received from other carriers (rail & truck)	-	19,603	29,240	366,439
9. <u>Total Delivered * (10+11)</u>	16,618,429	14,199,363	13,428,444	81,883,457
10. Less: Delivered to other Canadian trunk lines	2,631,102	2,787,167	1,791,447	16,558,642
11. <u>Net Delivered (12+13+14)</u>	13,987,327	11,412,196	11,636,997	65,324,815
12. Terminated on own trunk lines	10,664,402	9,630,912	8,460,066	52,631,428
13. Delivered to foreign pipe line connections	3,317,259	1,781,284	3,176,931	12,687,721
14. Delivered to other carriers (rail & truck)	5,666	-	-	5,666

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MAY 1954	x APRIL 1954	MAY 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,209,749	4,024,289	4,598,179	25,311,458
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	5,209,749	4,024,289	4,598,179	25,311,458
18. Originating on own gathering system	5,056,033	3,780,074	4,492,865	24,261,339
19. Received from other carriers (rail & truck)	153,716	244,215	105,314	1,050,119
20. <u>Total Delivered * (21+22+23)</u>	5,199,118	4,111,642	4,627,331	25,333,367
Less: Delivered to other pipe lines -				
21. Own Trunk system	954,731	958,208	523,168	4,820,290
22. Other pipe lines	3,457,255	2,367,089	3,382,126	16,919,907
23. <u>Net Delivered (24+25)</u>	787,132	786,345	722,037	3,593,170
24. Terminated on gathering systems	736,796	762,033	662,030	3,384,350
25. Delivered to other carriers (rail & truck)	50,336	24,312	60,007	208,820

/ Includes natural gasoline and products.

* Includes duplications.

/ Includes natural gasoline.

x Revised.

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		MAY	x APRIL	MAY	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	5,087,438	3,892,085	4,598,179	24,777,865
"	- Trunk	1,340,102	807,673	998,026	6,225,404
Saskatchewan	- Trunk	-	-	-	1,947
Manitoba	- Trunk	-	-	29,240	344,889
"	- Gathering	122,311	132,204	-	533,593
Ontario (2)	- Trunk	1,657,416	1,513,776	1,196,349	7,701,817
Quebec (3)	- Trunk	5,783,370	5,567,229	5,387,368	29,190,852
Net Received	- Gathering	5,209,749	4,024,289	4,598,179	25,311,458
"	- Trunk	8,780,888	7,888,678	7,610,983	43,464,909
"	- Total	13,990,637	11,912,967	12,209,162	68,776,367

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		MAY	x APRIL	MAY	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	944,930	822,961	-	4,998,717
Alberta (1)	- Gathering	787,132	786,345	722,037	3,593,170
"	- Trunk	594,598	417,650	412,463	2,927,456
Saskatchewan	- Trunk	1,189,320	790,791	1,235,124	5,223,219
Manitoba	- Trunk	3,648,355	2,324,491	3,446,968	15,209,600
Ontario (2)	- Trunk	2,731,206	2,565,832	2,372,966	13,234,689
Quebec	- Trunk	4,878,918	4,490,471	4,169,476	23,731,134
Net Delivered	- Trunk	13,987,327	11,412,196	11,636,997	65,324,815
"	- Total	14,774,459	12,198,541	12,359,034	68,917,985
Including deliveries to U.S. pipe lines at Gretna, Man.		3,317,259	1,781,284	3,176,931	12,687,721

TABLE 5 OPERATING STATISTICS

		MAY	x APRIL	MAY	YEAR TO DATE
		1 9 5 4	1 9 5 4	1 9 5 3	1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	167,713	137,054	149,269	167,771
Trunk Lines	"	536,078	473,312	433,176	542,275
Total Barrel Miles (Trunk Lines)	Millions	5,143	3,701	4,198	23,160
Average Miles Per Barrel (Trunk Lines)	Miles	309.4	260.6	312.6	282.8
Employees and Earnings (6)					
Average Number (4)	No.	1,199	1,192	920	1,169
Total Salaries and Wages	\$	453,999	455,512	319,795	2,224,943
Man Hours Worked by Wage Earners (5) (6)	Hours	53,023	51,730	47,865	253,461

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

x Revised.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MAY, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>				<u>Barrels</u>		
This month (May, 1954)	3,746,709	4,910,959	4,752,688	441,816	(2) 6,216,830	20,069,002
This year (5 months)	18,144,130	24,142,006	23,662,959	4,788,774	(3) 31,286,459	102,024,328
<u>Total Delivered out of System</u>						
This month (May, 1954)	3,743,178	5,075,976	4,878,918	944,930	(4) 6,219,814	20,862,816
This year (5 months)	18,156,934	24,275,183	23,731,134	4,998,820	(5) 31,254,463	102,396,534
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (May, 1954)	120,748	-	-	-	46,965	167,713
This year (5 months)	120,245	-	-	-	47,526	167,771
<u>Trunk Lines</u>						
This month (May, 1954)	-	163,741	157,384	30,482	184,471	536,078
This year (5 months)	-	160,763	157,160	33,105	191,247	542,275
<u>Total Barrel Miles</u>				<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>						
This month (May, 1954)	-	3,306	359	651	827	5,143
This year (5 months)	-	13,772	1,746	3,628	4,114	23,160
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (May, 1954)	-	651.0	73.6	689.0	144.6	309.4
This year (5 months)	-	567.0	73.6	706.0	142.4	282.8
OPERATING REVENUES				<u>Dollars</u>		
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	2,551,046	9,719,540
EMPLOYEES AND EARNINGS				<u>Number</u>		
Number of employees (May, 1954)	219	438	51	170	(6) 321	1,199
<u>Salaries and Wages</u>				<u>Dollars</u>		
This month (May, 1954)	75,270	165,684	17,684	78,178	(6) 117,183	453,999
This year (5 months)	371,910	795,284	81,202	409,908	(6) 566,639	2,224,943
<u>Man Hours Worked by Wage Earners</u>				<u>Hours</u>		
This month (May, 1954)	26,478	1,905	1,491	1,367	(6) 21,782	53,023
This year (5 months)	126,850	8,347	3,172	12,801	(6) 102,291	253,461

* Totals include duplication between companies.

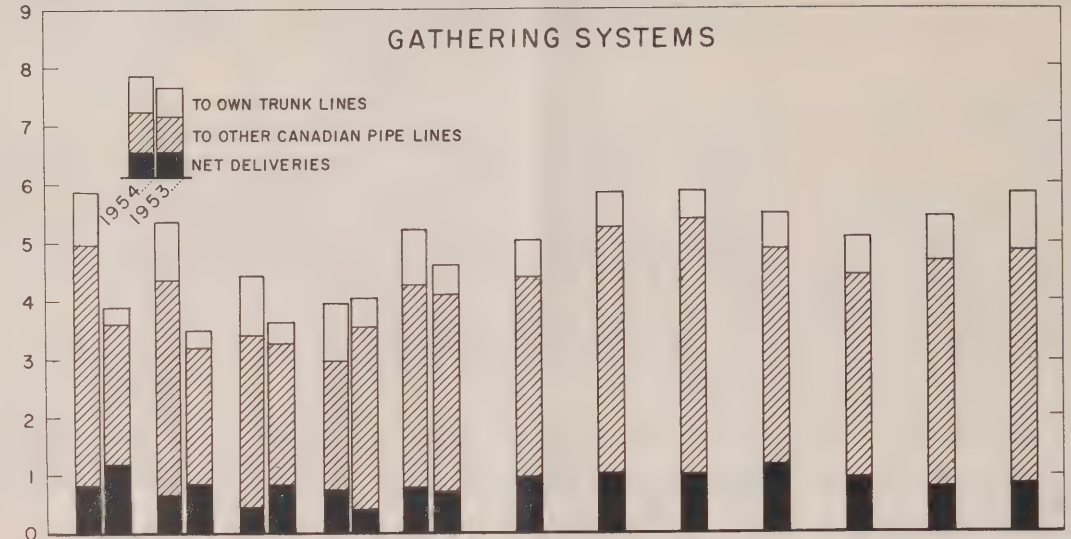
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Northern Development Company, Ltd.; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,693,764 bbls. products and 32,762 bbls. natural gasoline.
- (3) Includes 13,235,376 bbls. products and 214,320 bbls. natural gasoline.
- (4) Includes 2,736,872 bbls. products and 36,801 bbls. natural gasoline.
- (5) Includes 13,240,355 bbls. products and 213,435 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

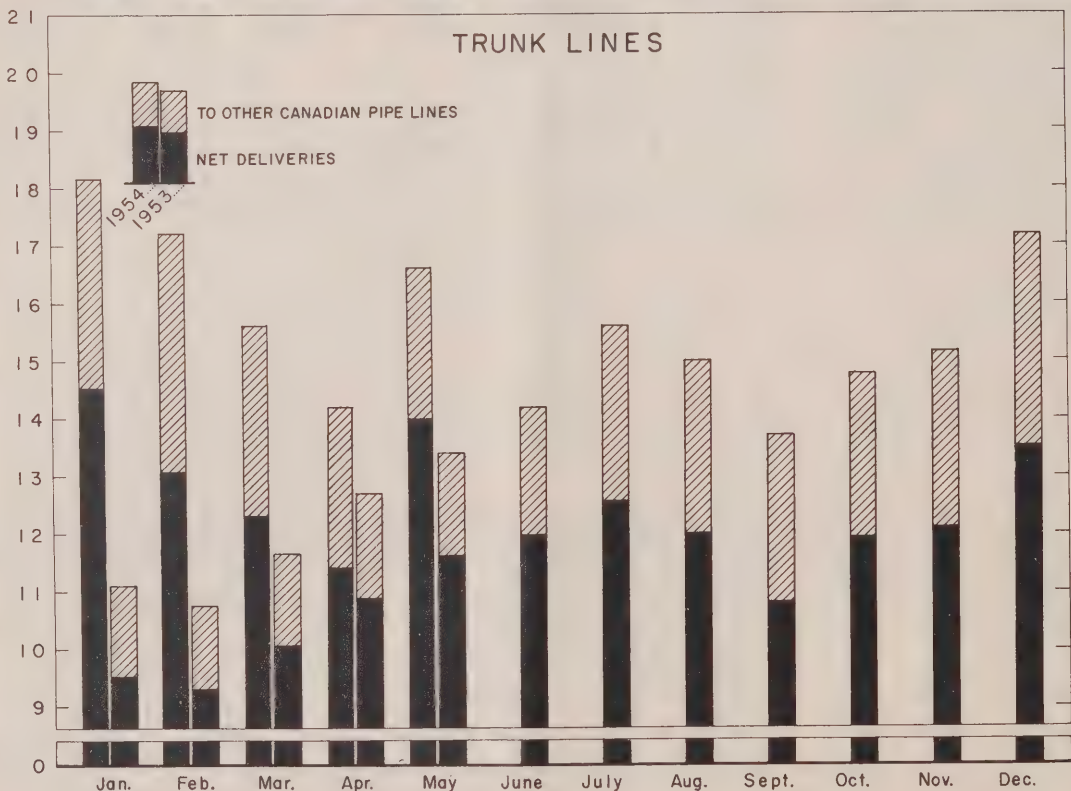
MILLION
BARRELS

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GATHERING SYSTEMS



TRUNK LINES





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

VOL. 4, NO. 6

JUNE, 1954

PRICE: \$1.00 per year

PIPE LINES (OIL) STATISTICS

The amount of oil moved through Canadian pipe lines rose during June to an average of 485,409 barrels per day, compared with 476,595 barrels in May and 432,139 in June, 1953.

Total net deliveries for the month of June amounted to 14,562,271 barrels compared with 14,774,459 in May and 12,964,162 in June, 1953. For the six months ended June 30, net deliveries totalled 83,480,256 barrels as against 68,455,253 barrels in the corresponding period of 1953, an increase of 22 p.c. Deliveries by provinces to the end of June were as follows (1953 data in brackets): British Columbia, 6,191,168 barrels (nil *); Alberta, 7,957,748 (7,867,189); Saskatchewan, 6,516,708 (6,863,021); Manitoba, 19,083,158 (15,466,895); Ontario, 15,974,647 (11,897,786) and Quebec, 27,756,827 (26,361,362). Manitoba deliveries included 15,923,657 barrels (12,709,396) transferred to the Lakehead Pipe line Company at Gretna and 3,159,501 (2,756,499) delivered within the province. Oil moved from western Canada through the United States via the Lakehead line to re-enter Canada at Sarnia amounted to 15,442,640 barrels for the first six months of the year.

Total net receipts for June amounted to 14,163,790 barrels and included 7,086,167 barrels of Alberta crude, 36,301 of Alberta natural gasoline, 164,887 of Manitoba crude, 4,032,981 of imported crude and 2,843,454 barrels of refinery products.

Gathering systems handled an average of 196,551 barrels per day, an increase over May of almost 29,000 barrels. Trunk lines, with an average delivery of 574,991 barrels per day, recorded an increase of 7% over May deliveries of 536,078 barrels and were 21 p.c. above June last year. Total barrel miles increased by 8 p.c. from 5,143 million in May to 5,568 in June. The average haul also recorded an increase at 322.7 miles, compared with 309.4 in May and 297.8 in June, 1953.

Earnings and employees showed little change from the previous month, but compared with June, 1953, the number of employees was up by 31 p.c., from 917 in 1953 to 1,203 in 1954, and total earnings rose from \$332,473 to \$459,149, or by 38 p.c.

Operating revenues for the first half of the year recorded an increase over the previous year of 52 p.c., rising from \$12,805,250 in 1953 to \$19,434,488 in 1954.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

1504-508
16-8-54

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first six months of 1954, per table 6	123,752,127
Received into Trunk Lines from Other Canadian Pipe Lines	40,811,970
"Net Received" into Canadian Pipe Line Systems	82,940,157
"Net Received" into Trunk Systems per table 1	51,761,651
"Net Received" into Gathering Systems per table 2	31,178,506
 Total Delivered out of Systems - all companies -	
during first six months of 1954, per table 6	124,518,928
Delivered to other Canadian Pipe Lines	41,038,672
"Net Delivered" from Canadian Pipe Line Systems	85,480,256
"Net Delivered" from Trunk Systems per table 1	78,995,565
"Net Delivered" from Gathering Systems per table 2	4,484,691

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for June and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1954

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070 6,928,358
Received into Gathering Systems January 1 to June 30, 1954	31,178,506
Received into Trunk Systems January 1 to June 30, 1954	98,417,784 129,596,290
Total oil accountable for Period	136,624,648
Delivered from Gathering Systems January 1 to June 30, 1954	31,229,898
Delivered from Trunk Systems January 1 to June 30, 1954	99,133,193 130,363,091
Balance to be accounted for at June 30, 1954	6,161,557
Oil consumed as fuel and losses	160,941
Balance on hand - June 30, 1954	6,000,616
Total Shippers Balances - June 30, 1954	(1) 5,415,509
Total Carriers Balances - June 30, 1954	585,107

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe lines statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
June, 1953	-	(2) 306,834	81,440
May, 1954	2,659,365	-	460,593
June, 1954	3,119,444	-	409,806

(1) Includes 657,729 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

(2) Deliveries of Transit and Storage Company, whose pipe line properties were sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JUNE 1954	MAY 1954	x JUNE 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received</u> * (2+3+4+5)	16,884,624	15,813,984	14,216,837	98,417,784
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,023,873	954,731	620,982	5,844,163
3. Other pipe lines - Gathering	2,435,925	2,069,030	2,161,572	11,816,878
4. Trunk	5,128,084	4,009,335	3,494,817	28,995,092
5. <u>Net Received</u> (6+7+8)	8,296,742	8,780,888	7,939,466	51,761,651
6. Originating on own trunk lines	4,263,761	4,028,200	3,136,604	23,699,272
7. Received from foreign pipe line connections	4,032,981	4,752,688	4,780,765	27,695,940
8. Received from other carriers (rail & truck)	-	-	22,097	366,439
9. <u>Total Delivered</u> * (10+11)	17,249,736	16,618,429	14,207,643	99,133,193
10. Less: Delivered to other Canadian trunk lines	3,578,986	2,631,102	2,222,074	20,137,628
11. <u>Net Delivered</u> (12+13+14)	13,670,750	13,987,327	11,985,569	78,995,565
12. Terminated on own trunk lines	10,432,997	10,664,402	9,055,126	63,064,425
13. Delivered to foreign pipe line connections	3,235,936	3,317,259	2,930,443	15,923,657
14. Delivered to other carriers (rail & truck)	1,817	5,666	-	7,483

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JUNE 1954	MAY 1954	JUNE 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received</u> (16+17)	5,867,048	5,209,749	5,022,164	31,178,506
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received</u> (18+19)	5,867,048	5,209,749	5,022,164	31,178,506
18. Originating on own gathering system	5,552,475	5,056,033	4,904,551	29,813,814
19. Received from other carriers (rail & truck)	314,573	153,716	117,613	1,364,692
20. <u>Total Delivered</u> * (21+22+23)	5,896,531	5,199,118	5,029,848	31,229,898
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,023,873	954,731	620,982	5,844,163
22. Other pipe lines	3,981,137	3,457,255	3,430,273	20,901,044
23. <u>Net Delivered</u> (24+25)	891,521	787,132	978,593	4,484,691
24. Terminated on gathering systems	777,897	736,796	811,862	4,162,247
25. Delivered to other carriers (rail & truck)	113,624	50,336	166,731	322,444

* Includes natural gasoline and products.

* Includes duplications.

∅ Includes natural gasoline.

x Revised.

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		JUNE 1 9 5 4	MAY 1 9 5 4	x JUNE 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	5,702,161	5,087,438	5,022,164	30,480,026
"	- Trunk	1,527,398	1,340,102	1,192,217	7,752,802
Saskatchewan	- Trunk	-	-	-	1,947
Manitoba	- Trunk	-	-	22,097	344,889
"	- Gathering	164,887	122,311	-	698,480
Ontario (2)	- Trunk	1,612,204	1,657,416	766,459	9,314,021
Quebec (3)	- Trunk	5,157,140	5,783,370	5,958,693	34,347,992
Net Received	- Gathering	5,867,048	5,209,749	5,022,164	31,178,506
" "	- Trunk	8,296,742	8,780,888	7,939,466	51,761,651
" "	- Total	14,163,790	13,990,637	12,961,630	82,940,157

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		JUNE 1 9 5 4	MAY 1 9 5 4	JUNE 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,192,451	944,930	-	6,191,168
Alberta (1)	- Gathering	891,521	787,132	978,593	4,484,681
"	- Trunk	545,601	594,598	563,062	3,473,057
Saskatchewan	- Trunk	1,293,489	1,189,320	1,260,515	6,516,708
Manitoba	- Trunk	3,873,558	3,648,355	3,464,339	19,083,158
Ontario (2)	- Trunk	2,739,958	2,731,206	1,944,093	15,974,647
Quebec	- Trunk	4,025,693	4,878,918	4,753,560	27,756,827
Net Delivered	- Trunk	13,670,750	13,987,327	11,985,569	78,995,565
" "	- Total	14,562,271	14,774,459	12,964,162	83,480,256
Including deliveries to U.S. pipe lines at Gretna, Man.		3,235,936	3,317,259	2,930,443	15,923,657

TABLE 5 OPERATING STATISTICS

		JUNE 1 9 5 4	MAY 1 9 5 4	JUNE 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	196,551	167,713	167,661	172,541
Trunk Lines	"	574,991	536,078	473,588	547,697
Total Barrel Miles (Trunk Lines)	Millions	5,568	5,144	4,230	28,728
Average Miles Per Barrel (Trunk Lines)	Miles	322.7	309.4	297.8	289.8
Employees and Earnings (6)					
Average Number (4)	No.	1,203	1,199	917	1,175
Total Salaries and Wages	\$	459,149	453,999	332,473	2,684,092
Man Hours Worked by Wage Earners (5) (6)	Hours	52,771	53,023	47,865	306,232

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products

x Revised.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JUNE, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>				<u>Barrels</u>		
This month (June, 1954)	4,168,683	5,775,007	4,032,981	728,263	(2) 7,022,865	21,727,799
This year (6 months)	22,312,813	29,917,013	27,695,940	5,517,037	(3) 38,309,324	123,752,127
<u>Total Delivered out of System</u>						
This month (June, 1954)	4,173,119	5,667,325	4,025,693	1,192,451	(4) 7,063,806	22,122,394
This year (6 months)	22,330,053	29,942,508	27,756,827	6,191,271	(5) 38,298,269	124,518,928
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (June, 1954)	139,104	-	-	-	57,447	196,551
This year (6 months)	123,370	-	-	-	49,171	172,541
<u>Trunk Lines</u>						
This month (June, 1954)	-	188,910	134,190	39,748	212,143	574,991
This year (6 months)	-	165,428	153,353	34,206	194,710	547,897
<u>Total Barrel Miles</u>				<u>Miles</u>		
<u>(Trunk Lines - in millions)</u>						
This month (June, 1954)	-	3,495	294	846	933	5,568
This year (6 months)	-	17,267	2,040	4,374	5,047	28,728
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (June, 1954)	-	617.0	73.1	709.0	146.5	322.7
This year (6 months)	-	577.0	73.5	706.0	143.2	289.8
OPERATING REVENUES				<u>Dollars</u>		
Three months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	x 2,570,495	x 9,738,989
Six months ending June 30, 1954	1,837,764	8,572,413	930,621	2,954,144	5,139,546	19,424,488
EMPLOYEES AND EARNINGS				<u>Number</u>		
Number of employees (June, 1954)	218	433	51	167	(6) 334	1,203
<u>Salaries and Wages</u>				<u>Dollars</u>		
This month (June, 1954)	75,072	172,016	18,060	74,282	(6) 119,719	459,149
This year (6 months)	446,982	967,300	99,262	484,190	(6) 686,358	2,684,092
<u>Man Hours Worked by Wage Earners</u>				<u>Hours</u>		
This month (June, 1954)	26,982	1,318	1,906	1,121	(6) 21,444	52,771
This year (6 months)	163,832	9,665	5,078	13,922	(6) 123,735	306,232

* Totals include duplication between companies.

x Revised

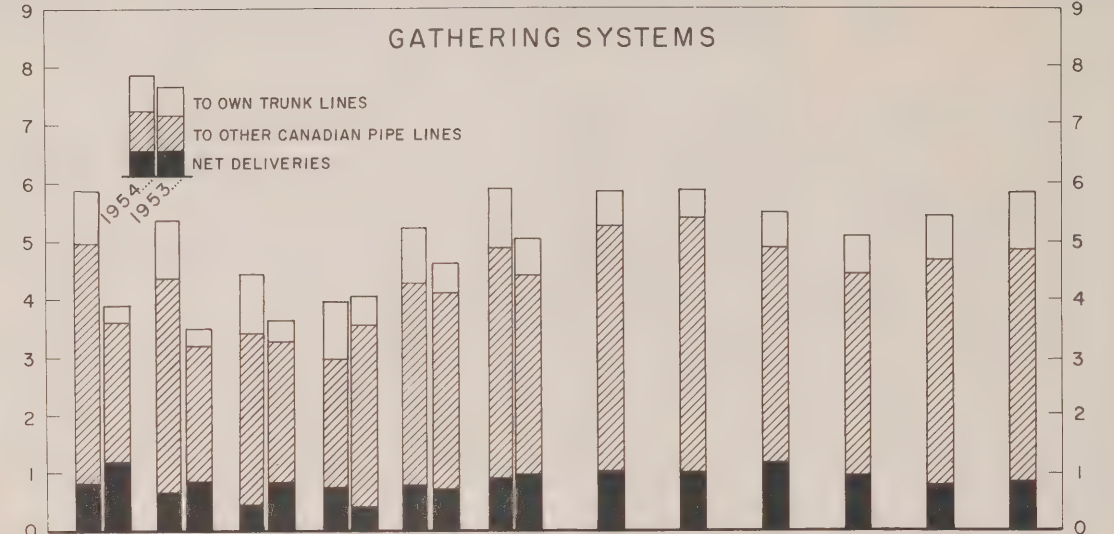
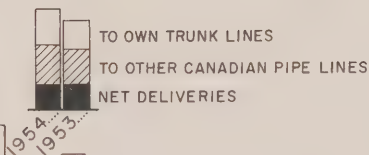
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Northern Development Company, Ltd.; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Co. Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,843,454 bbls. products and 36,301 bbls. natural gasoline.
- (3) Includes 16,078,830 bbls. products and 250,621 bbls. natural gasoline.
- (4) Includes 2,794,412 bbls. products and 34,062 bbls. natural gasoline.
- (5) Includes 16,034,767 bbls. products and 247,497 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, and Imperial Oil - Sarnia Products Pipe Line Division.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

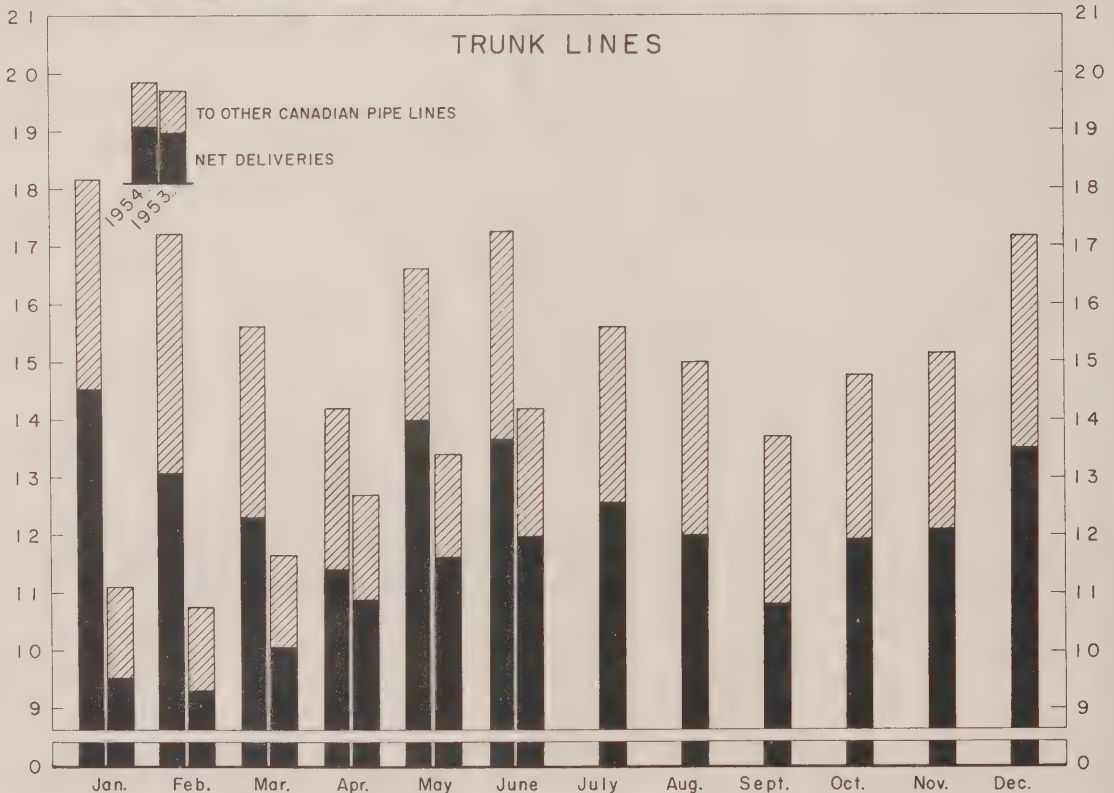
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES





DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Memorandum

VOL. 4, NO. 7

JULY, 1954.

PRICE: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Net deliveries of oil from Canadian pipe lines fell off during July to an average of 474,974 barrels per day from 485,679^x in June, but were well above the daily average of 438,049 barrels reported in July of one year ago.

For the month of July 1954 total net deliveries from gathering systems and trunk lines amounted to 14,724,204 barrels compared with 13,579,517 in July last year, an increase of 8 p.c. Total net delivering to the end of July amounted to 98,221,193 barrels as against 82,034,770 during the same period last year, up 20 p.c. By provinces, deliveries for the seven months were as follows, (1953 data in brackets): British Columbia 7,229,544 barrels (nil *); Alberta 9,491,131 (9,509,718); Saskatchewan 7,787,306 (8,069,390); Manitoba 23,208,729 (19,109,107); Ontario 18,545,494 (14,036,319) and Quebec 31,958,989 (31,310,236). Deliveries in Manitoba included 19,419,662 barrels (15,703,301) transferred to the Lakehead Pipe Line Company at Gretna and 3,789,067 (3,405,806) delivered within the province. Crude oil from western Canada carried through the United States by the Lakehead line to re-enter Canada at Sarnia amounted to 18,346,376 barrels by the end of July.

Net receipts for the month totalled 15,177,038 barrels and included 8,145,884 barrels of Alberta crude oil, 40,296 barrels of Alberta natural gasoline, 191,601 of Manitoba crude, 4,226,285 imported crude and 2,572,972 barrels of refinery products.

An average of 213,589 barrels per day was handled by gathering systems as against 96,407 barrels in June and 189,561 in July of last year. Trunk lines averaged 576,626 barrels per day, a slight increase over the June figure and 14 p.c. above July 1953. Barrel miles at 5,621 million showed little change from June but were 23 p.c. above the 4,581 million recorded one year ago. The average haul dropped from 322.7 miles in June to 314.4 but was well above the 1953 haul of 293.3 miles.

A slight rise in employment was shown in July with 1,207 employees earning 460,253, against 1,203 employees earning \$459,149 in June. Compared with July, 1953, however, the number of employees was up by 30 p.c. while salaries and wages recorded an increase of 37 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report. Operating statistics of the Nisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

Revised.

804-508
61-9-54.

Prepared in the Public Finance and Transportation Division

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	Barrels
during first seven months of 1954, per table 6	147,674,283
Received into Trunk Lines from other Canadian Pipe Lines	49,539,911
"Net Received" into Canadian Pipe Line Systems	98,134,372
"Net Received" into Trunk Systems per table 1	60,284,476
"Net Received" into Gathering Systems per table 2	37,849,896
 Total Delivered out of Systems - all companies -	
during first seven months of 1954, per table 6	147,992,337
Delivered to other Canadian Pipe Lines	49,771,144
"Net Delivered" from Canadian Pipe Line Systems	98,221,193
"Net Delivered" from Trunk Systems per table 1	92,773,879
"Net Delivered" from Gathering Systems per table 2	5,447,314

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1954

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070
Received into Gathering Systems January 1 to July 31, 1954	37,849,896
Received into Trunk Systems January 1 to July 31, 1954	116,704,237
Total oil accountable for Period	154,554,133
Delivered from Gathering Systems January 1 to July 31, 1954	161,482,491
Delivered from Trunk Systems January 1 to July 31, 1954	37,846,840
Delivered from Trunk Systems January 1 to July 31, 1954	117,025,347
Balance to be accounted for at July 31, 1954	154,872,187
Oil consumed as fuel and losses	6,610,304
Balance on hand - July 31, 1954	201,244
Total Shippers Balances - July 31, 1954	6,409,060
Total Carriers Balances - July 31, 1954	(1) 5,849,756
Total Carriers Balances - July 31, 1954	559,304

With the completion in December of Interprovincial's extension to Sarnia, there are now three oil pipe lines crossing the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and shortness of the lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe lines statistics. A summary of oil delivered by the three pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
July, 1953	-	(2) 1,290	138,854
June, 1954	3,119,444	-	409,806
July, 1954	2,903,736	-	506,207

(1) Includes 650,475 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

(2) Deliveries of Transit and Storage Company, whose pipe line properties were sold to the Buckeye Pipe Line Company.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JULY 1 9 5 4	x JUNE 1 9 5 4	JULY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	18,273,588	16,888,294	16,467,836	116,704,237
Less: Received from other Canadian pipe lines -				
Own Gathering System	1,039,999	1,019,561	591,669	6,879,850
Other pipe lines - Gathering	2,935,310	2,435,925	2,547,185	14,752,188
Trunk	5,792,631	5,128,084	4,751,440	34,787,723
5. Net Received (6+7+8)	8,505,648	8,304,724	8,577,542	60,284,476
6. Originating on own trunk lines	4,279,363	4,271,743	3,654,524	27,995,812
7. Received from foreign pipe line connections	4,226,285	4,032,981	4,890,921	31,922,225
8. Received from other carriers (rail & truck)	-	-	32,097	366,439
9. Total Delivered * (10+11)	17,875,421	17,257,822	15,619,309	117,025,347
10. Less: Delivered to other Canadian trunk lines	4,113,840	3,578,986	3,058,556	24,251,468
11. Net Delivered (12+13+14)	13,761,581	13,678,836	12,560,753	92,773,879
12. Terminated on own trunk lines	10,261,495	10,440,381	9,566,673	73,341,551
13. Delivered to foreign pipe line connections	3,496,005	3,235,936	2,993,905	19,419,668
14. Delivered to other carriers (rail & truck)	4,081	2,519	175	12,306

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JULY 1 9 5 4	x JUNE 1 9 5 4	JULY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,671,390	5,867,048	5,880,906	37,849,836
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	6,671,390	5,867,048	5,880,906	37,849,836
18. Originating on own gathering system	6,174,035	5,552,475	5,703,264	35,987,249
19. Received from other carriers (rail & truck)	497,355	314,573	177,642	1,862,587
20. Total Delivered * (21+22+23)	6,621,254	5,892,219	5,876,387	37,846,840
Less: Delivered to other pipe lines -				
Own Trunk system	1,039,999	1,019,561	591,669	6,879,850
Other pipe lines	4,618,632	3,981,137	4,265,954	25,519,676
23. Net Delivered (24+25)	962,623	891,521	1,018,764	2,447,314
24. Terminated on gathering systems	839,218	777,897	890,857	5,002,408
25. Delivered to other carriers (rail & truck)	123,405	113,624	127,907	445,206

✓ Includes natural gasoline and products.

* Includes duplications.

✓ Includes natural gasoline.

x Revised.

TABLE 2

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province	JULY 1 9 5 4	x JUNE 1 9 5 4	JULY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
Alberta (1) - Gathering	6,479,789	5,702,161	5,880,906	36,959,815
" - Trunk	1,708,482	1,535,380	1,525,819	9,478,461
Saskatchewan - Trunk	-	-	-	1,947
Manitoba - Trunk	-	-	32,097	344,889
" - Gathering	191,601	164,887	-	890,081
Ontario (2) - Trunk	1,479,721	1,612,204	864,634	10,793,742
Quebec (3) - Trunk	5,317,445	5,157,140	6,154,992	39,665,437
Net Received - Gathering	6,671,390	5,867,048	5,880,906	37,849,896
" " - Trunk	8,505,648	8,304,724	8,577,542	60,284,476
" " - Total	15,177,038	14,171,772	14,458,448	98,134,372

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province	JULY 1 9 5 4	x JUNE 1 9 5 4	JULY 1 9 5 3	YEAR TO DATE 1 9 5 4
	Barrels	Barrels	Barrels	Barrels
British Columbia - Trunk	1,038,376	1,192,451	-	7,229,544
Alberta (1) - Gathering	962,623	891,521	1,018,764	5,447,314
" - Trunk	554,027	553,687	623,765	4,043,817
Saskatchewan - Trunk	1,270,598	1,293,489	1,206,369	7,787,306
Manitoba - Trunk	4,125,571	3,873,558	3,643,212	23,208,729
Ontario (2) - Trunk	2,570,847	2,739,958	2,138,533	18,545,494
Quebec - Trunk	4,202,162	4,025,693	4,948,874	31,958,989
Net Delivered - Trunk	13,761,581	13,678,836	12,560,753	92,773,879
" " - Total	14,724,204	14,570,357	13,579,517	98,221,193
Including deliveries to U.S. pipe lines at Gretna, Man.	3,496,005	3,235,936	2,993,905	19,419,662

TABLE 5

OPERATING STATISTICS

	JULY 1 9 5 4	x JUNE 1 9 5 4	JULY 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average				
Gathering systems Barrels	213,589	196,407	189,561	178,522
Trunk Lines "	576,626	575,261	503,849	552,006
Total Barrel Miles (Trunk Lines) Millions	5,621	5,569	4,581	34,350
Average Miles per Barrel (Trunk Lines) Miles	314.4	322.7	293.3	293.5
Employees and Earnings (6)				
Average Number (4) No.	1,207	1,203	930	1,180
Total Salaries and Wages \$	460,253	459,149	335,462	3,144,345
Man Hours Worked by Wage Earners (5) (6) Hours	51,974	52,771	50,833	358,206

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, and Misku Products Pipe Line Company, Limited.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JULY, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC *						
<u>Total Received into System</u>						
This month (July, 1954)	4,747,821	6,323,441	4,226,285	1,333,138	(2) 7,274,294	23,904,979
This year (7 months)	27,060,634	36,240,454	31,922,225	6,850,175	(3) 45,600,795	147,674,283
<u>Total Delivered out of System</u>						
This month (July, 1954)	4,762,203	6,221,314	4,202,162	1,038,376	(4) 7,232,621	23,456,676
This year (7 months)	27,092,256	36,163,822	31,958,989	7,229,647	(5) 45,547,623	147,992,337
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (July, 1954)	153,619	-	-	-	59,970	213,589
This year (7 months)	127,794	-	-	-	50,728	178,522
<u>Trunk Lines</u>						
This month (July, 1954)	-	200,688	135,554	33,496	206,888	576,626
This year (7 months)	-	170,584	150,750	34,102	196,570	552,006
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (July, 1954)	-	3,669	307	746	899	5,621
This year (7 months)	-	20,936	2,346	5,120	5,948	34,350
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (July, 1954)	-	590.0	73.0	718.0	132.3	314.4
This year (7 months)	-	579.0	73.4	708.0	142.7	293.5
OPERATING REVENUES						
<u>Three months ending March 31, 1954</u>	930,894	4,200,082	474,043	1,563,475	(6) 2,570,495	9,738,989
<u>Six months ending June 30, 1954</u>	1,837,764	8,572,413	930,621	2,954,144	(6) 5,139,546	19,434,488
EMPLOYEES AND EARNINGS						
<u>Number of employees (July, 1954)</u>	216	428	54	167	(7) 342	1,207
<u>Salaries and Wages</u>						
This month (July, 1954)	76,653	170,782	19,010	74,923	(7) 118,885	460,253
This year (7 months)	523,635	1,138,082	118,272	559,113	(7) 805,243	3,144,345
<u>Man-Hours Worked by Wage Earners</u>						
This month (July, 1954)	26,843	689	2,323	1,337	(7) 20,782	51,974
This year (7 months)	180,675	10,354	7,401	15,259	(7) 144,517	358,206

* Totals include duplication between companies.

(1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 2,572,972 bbls. products and 40,296 bbls. natural gasoline.

(3) Includes 18,599,165 bbls. products and 308,094 bbls. natural gasoline.

(4) Includes 2,572,938 bbls. products and 39,550 bbls. natural gasoline.

(5) Includes 18,607,705 bbls. products and 303,780 bbls. natural gasoline.

(6) Includes Amurex Oil Development Company.

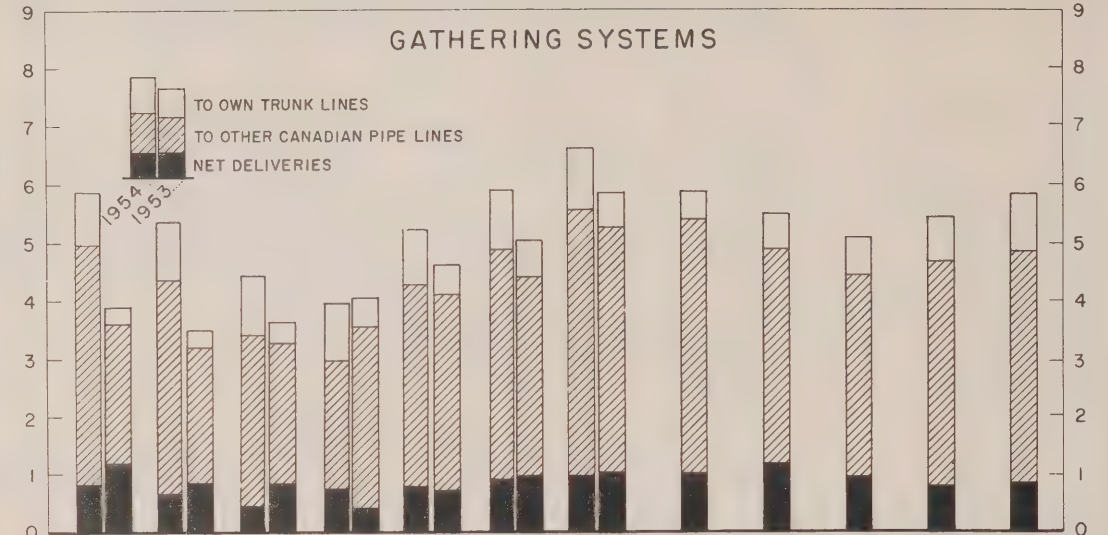
(7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

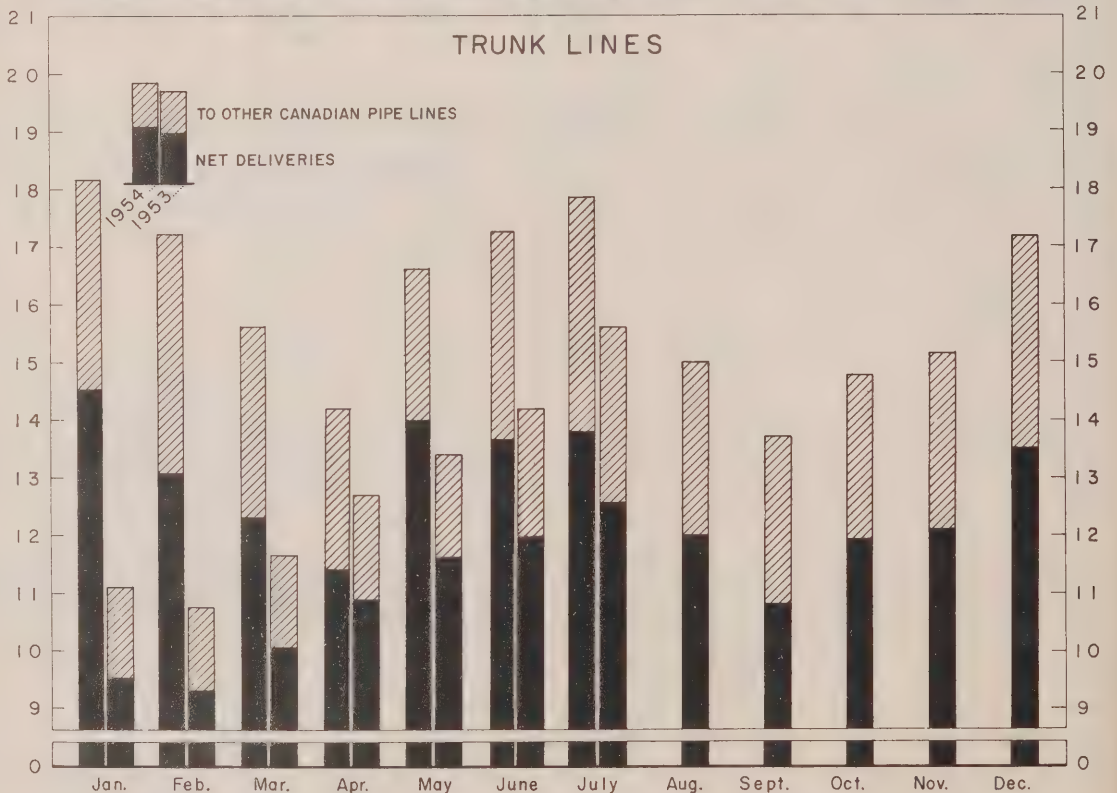
MILLION
BARRELS

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BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



DEPT. OF POLITICAL ECONOMY

Memorandum

Vol. 4, No. 8

August, 1954.

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

August deliveries from Canadian pipe lines averaged 448,580 barrels per day, 5 p.c. below the July average of 474,974 barrels but almost 7 p.c. above August 1953. Deliveries from gathering systems were up by 61,182 barrels, from 962,623 barrels in July to 1,023,805 in August, whereas trunk deliveries fell off from 13,761,581 barrels in July to 12,882,173.

Net deliveries from all lines for the eight months, January-August, amounted to 112,127,171 barrels compared with 95,044,802 in the same period of 1953. Deliveries to the end of August by provinces were as follows (1953 data in brackets): British Columbia, 8,527,734 barrels (nil*); Alberta, 11,126,965 (11,010,684); Saskatchewan, 8,997,504 (9,250,663); Manitoba, 27,211,139 (22,839,520); Ontario, 20,960,899 (16,293,915), and Quebec, 35,302,930 (35,650,020). Manitoba deliveries included 22,809,470 barrels (18,828,504) delivered to the Lakehead Pipe Line Company at Gretna and 4,401,660 (4,011,016) delivered within the province. Almost 95 p.c. of the oil which crosses the border at Gretna is destined to Canadian refineries and re-enters Canada at Sarnia.

Net receipts for the month of August totalled 14,037,332 barrels and included 8,032,765 of Alberta crude and 41,218 of Alberta natural gasoline, 212,614 barrels of Manitoba crude, 3,308,817 of imported crude and 2,442,418 barrels of refinery products.

Gathering systems handled an average of 213,461 barrels per day in August against 213,589 in July and 189,569 barrels in August last year, up 13 p.c. over the previous year. Trunk lines handled an average of 555,639 barrels per day, 20,987 barrels below July, but 71,570 barrels or 15 p.c. above August last year. Barrel miles dropped to 5,588 million from 5,621 in July, but were 30 p.c. above the 1953 figure of 4,293 million. The average haul during August recorded a slight increase at 324.5 miles, compared with 314.4 in July and 286.1 miles in August, 1953.

Employment reached a new high in August with 1,210 employees earning \$470,197, as against 940 employees earning \$343,705 in the same month last year, the average wage being up by 6 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils, Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report. Operating statistics of the Wisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

504-508 Prepared in the Public Finance and Transportation Division
7-9-54.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eight months of 1954, per table 6	170,507,033
Received into Trunk Lines from other Canadian Pipe Lines	58,334,829
"Net Received" into Canadian Pipe Line Systems	112,172,204
"Net Received" into Trunk Systems per table 1	67,736,109
"Net Received" into Gathering Systems per table 2	44,436,095
Total Delivered out of Systems - all companies -	
during first eight months of 1954, per table 6	170,692,704
Delivered to other Canadian Pipe Lines	58,565,533
"Net Delivered" from Canadian Pipe Line Systems	112,127,171
"Net Delivered" from Trunk Systems per table 1	105,656,052
"Net Delivered" from Gathering Systems per table 2	6,471,119

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1954

	Barrels	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to August 31, 1954	44,436,095	
Received into Trunk Systems January 1 to August 31, 1954	134,092,529	178,528,624
Total oil accountable for Period		185,456,982
Delivered from Gathering Systems January 1 to August 31, 1954	44,464,125	
Delivered from Trunk Systems January 1 to August 31, 1954	134,250,170	178,714,295
Balance to be accounted for at August 31, 1954		6,742,687
Oil consumed as fuel and losses		221,485
Balance on hand - August 31, 1954		6,521,202
Total Shippers Balances - August 31, 1954	(1) 5,945,039	
Total Carriers Balances - August 31, 1954	576,163	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
August, 1953	-	-	138,854
July, 1954	2,903,736	-	506,207
August, 1954	2,364,401	-	492,277

(1) Includes 650,475 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	AUGUST 1954	JULY 1954	AUGUST 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)				
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	17,388,292	18,273,588	16,065,841	134,092,529
3. Other pipe lines - Gathering	1,141,741	1,039,999	487,128	8,021,591
4. Trunk	2,915,278	2,935,310	2,592,191	17,667,466
5. Net Received (6+7+8)	5,879,640	5,792,631	4,786,881	40,667,363
	7,451,633	8,505,648	8,199,641	67,736,109
6. Originating on own trunk lines	4,142,816	4,279,363	3,820,866	32,138,628
7. Received from foreign pipe line connections	3,308,817	4,226,285	4,327,868	35,231,042
8. Received from other carriers (rail & truck)	-	-	50,907	366,439
9. Total Delivered * (10+11)	17,224,823	17,875,421	15,005,987	134,250,170
10. Less: Delivered to other Canadian trunk lines	4,342,650	4,113,840	3,003,790	28,594,118
11. Net Delivered (12+13+14)	12,882,173	13,761,581	12,002,197	105,656,052
12. Terminated on own trunk lines	9,491,758	10,261,495	8,876,994	82,833,709
13. Delivered to foreign pipe line connections	3,389,808	3,496,005	3,125,203	22,809,470
14. Delivered to other carriers (rail & truck)	607	4,081	-	12,873

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	AUGUST 1954	JULY 1954	AUGUST 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,586,199	6,671,390	5,966,397	44,436,095
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	6,586,199	6,671,390	5,966,397	44,436,095
18. Originating on own gathering system	6,344,274	6,174,035	5,833,819	42,332,123
19. Received from other carriers (rail & truck)	241,925	497,355	132,578	2,103,972
20. Total Delivered * (21+22+23)	6,617,285	6,621,254	5,876,653	44,464,125
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,141,741	1,039,999	487,128	8,021,591
22. Other pipe lines	4,451,739	4,618,632	4,381,690	29,971,415
23. Net Delivered (24+25)	1,023,805	962,623	1,007,835	6,471,119
24. Terminated on gathering systems	936,595	839,218	844,615	5,938,060
25. Delivered to other carriers (rail & truck)	87,210	123,405	163,220	533,059

✓ Includes natural gasoline and products.

* Includes duplications.

✓ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		AUGUST 1 9 5 4	JULY 1 9 5 4	AUGUST 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	6,373,585	6,479,789	5,966,397	43,333,400
"	- Trunk	1,726,157	1,708,482	1,536,621	11,204,618
Saskatchewan	- Trunk	-	-	-	1,947
Manitoba	- Trunk	-	-	50,907	344,889
"	- Gathering	212,614	191,601	-	1,102,695
Ontario (2)	- Trunk	1,391,182	1,479,721	1,089,031	12,184,924
Quebec (3)	- Trunk	4,334,294	5,317,445	5,523,082	43,999,731
Net Received	- Gathering	6,586,199	6,671,390	5,966,397	44,436,095
" "	- Trunk	7,451,633	8,505,648	8,199,641	67,736,109
" "	- Total	14,037,832	15,177,038	14,166,038	112,172,204

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		AUGUST 1 9 5 4	JULY 1 9 5 4	AUGUST 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,298,190	1,038,376	-	8,527,734
Alberta (1)	- Gathering	1,023,805	962,623	1,007,835	6,471,119
"	- Trunk	612,029	554,027	493,131	4,655,846
Saskatchewan	- Trunk	1,210,198	1,270,598	1,181,273	8,997,504
Manitoba	- Trunk	4,002,410	4,125,571	3,730,413	27,211,139
Ontario (2)	- Trunk	2,415,405	2,570,847	2,257,596	20,960,899
Quebec	- Trunk	3,343,941	4,202,162	4,339,784	35,302,930
Net Delivered	- Trunk	12,882,173	13,761,581	12,002,197	105,656,052
" "	- Total	13,905,978	14,724,204	13,010,032	112,127,171
Including deliveries to U.S. pipe lines at Gretna, Man.		3,389,808	3,496,005	3,125,203	22,809,470

TABLE 5

OPERATING STATISTICS

		AUGUST 1 9 5 4	JULY 1 9 5 4	AUGUST 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	213,461	213,589	189,569	182,980
Trunk Lines	"	555,639	576,626	484,064	593,622
Total Barrel Miles (Trunk Lines)	Millions	5,589	5,621	4,293	39,940
Average Miles Per Barrel (Trunk Lines)	Miles	324.5	314.4	286.1	297.5
Employees and Earnings (6)					
Average Number (4)	No.	1,210	1,207	940	1,133
Total Salaries and Wages	\$	470,197	460,253	343,705	3,614,542
Man-Hours Worked by Wage Earners (5) (6)	Hours	53,912	51,974	51,398	412,118

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

AUGUST, 1954.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*						
<u>Total Received into System</u>			<u>Barrels</u>			
This month (August, 1954)	4,696,736	6,333,209	3,308,817	1,437,931	(2) 7,056,057	22,832,750
This year (8 Months)	31,757,370	42,573,663	35,231,042	8,238,106	(3) 52,656,352	170,597,033
<u>Total Delivered out of System</u>						
This month (August, 1954)	4,680,425	6,312,151	3,343,941	1,298,190	(4) 7,065,660	22,700,367
This year (8 Months)	31,772,681	42,475,273	35,202,930	3,527,337	(5) 52,613,283	170,692,704
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (August, 1954)	150,981	-	-	-	62,430	213,461
This year (8 Months)	130,752	-	-	-	52,228	182,980
<u>Trunk Lines</u>						
This month (August, 1954)	-	203,618	107,369	41,377	202,275	555,639
This year (8 Months)	-	173,564	145,279	35,094	239,685	593,622
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (August, 1954)	-	3,557	244	920	868	5,589
This year (8 Months)	-	24,493	2,591	6,040	6,816	39,340
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (August, 1954)	-	564.0	73.0	708.0	138.2	324.5
This year (8 Months)	-	581.0	73.4	708.0	142.1	297.5
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1954.	930,394	4,200,082	474,043	1,563,475	(6) 2,570,435	9,738,389
Six Months ending June 30, 1954.	1,837,764	8,572,413	930,621	2,954,144	(6) 5,139,546	17,434,488
Nine Months ending Sept. 30, 1954.						
Twelve Months ending Dec. 31, 1954.						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (August, 1954)	213	437	55	165	(7) 340	1,210
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (August, 1954)	75,230	175,542	22,043	76,917	(7) 120,375	470,197
This year (8 Months)	598,955	1,313,624	140,315	636,030	(7) 925,618	3,614,542
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (August, 1954)	26,797	319	3,269	2,074	(7) 20,953	53,912
This year (8 Months)	207,472	11,173	12,670	17,333	(7) 165,479	412,118

* Totals include duplication between companies.

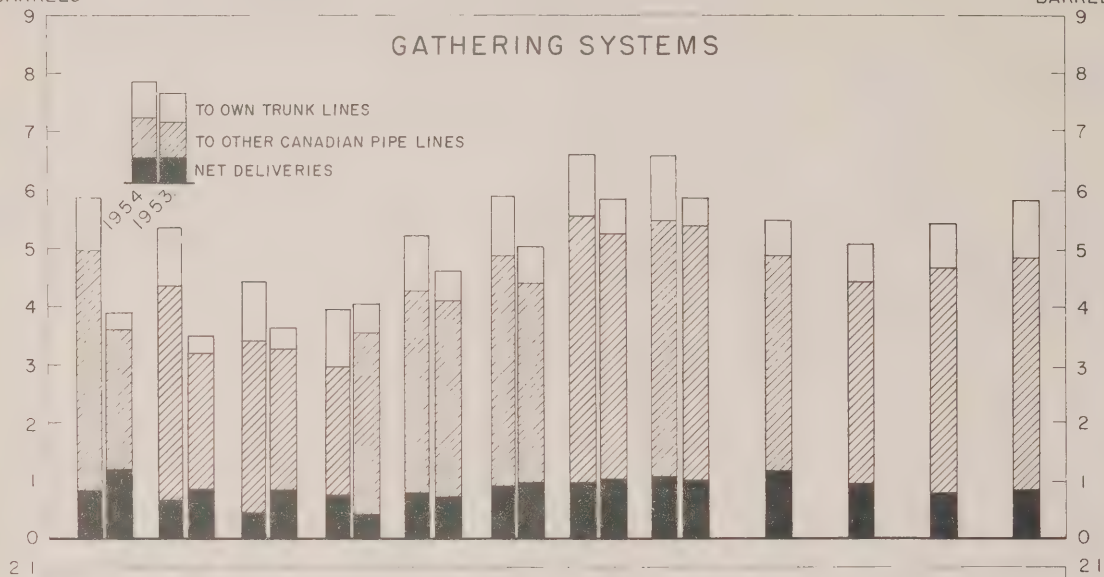
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,442,418 bbls. products and 41,218 bbls. natural gasoline.
- (3) Includes 21,094,220 bbls. products and 349,312 bbls. natural gasoline.
- (4) Includes 2,439,347 bbls. products and 41,064 bbls. natural gasoline.
- (5) Includes 21,047,552 bbls. products and 344,844 bbls. natural gasoline.
- (6) Includes Amurex Oil Development Company.
- (7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

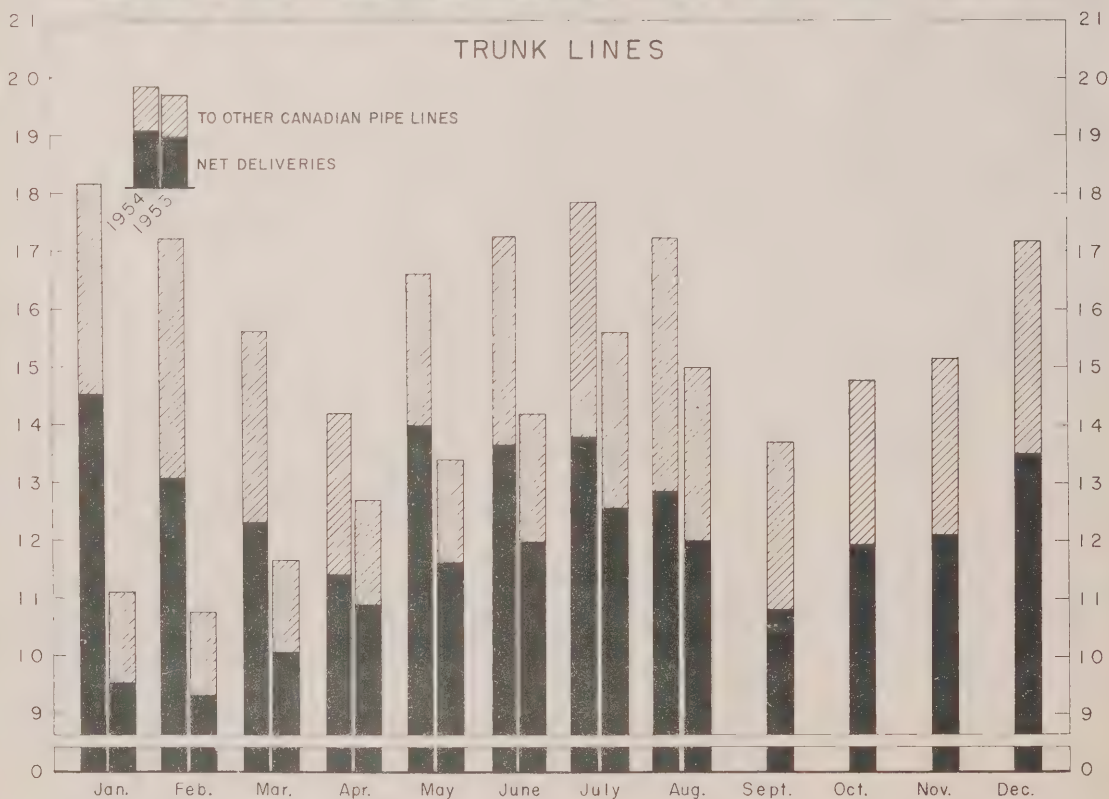
MILLION
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BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

UNIVERSITY OF TORONTO
DEPT. OF POLITICAL ECONOMY

Memorandum

Vol. 4, No. 9

SEPTEMBER, 1954

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Oil pipe lines in Canada recorded a net delivery in September of 14,676,681 barrels or an average of 489,223 barrels per day. This was an increase of 40,643 barrels daily or 9 p.c. over August deliveries and 22 p.c. over deliveries of September last year.

Net receipts for the month totalled 14,883,573 barrels, compared with 14,037,832 in August, up 6 p.c. Included in the net receipts for September were 7,925,333 barrels of Alberta crude, 43,594 of Alberta natural gasoline, 197,588 of Manitoba crude, 3,911,886 of imported crude and 2,805,172 barrels of refinery products.

For the nine months ended September 30, net deliveries amounted to 126,803,852 barrels compared with 107,060,699 for the same period last year, an increase of 18 p.c. Provincial totals for the period were as follows (1953 data in brackets): British Columbia 9,901,622 barrels (nil *); Alberta 12,552,132 (12,743,628); Saskatchewan 10,372,964 (10,439,842); Manitoba 31,080,959 (25,747,310); Ontario 23,742,746 (18,285,427); and Quebec 39,153,429 (39,844,492). Manitoba deliveries included 26,091,277 barrels (21,195,526) transferred to the Lakehead Pipe line Company at Gretna for transport through the United States, principally destined to refineries at Sarnia. Of the total oil delivered during the nine months under review, refinery products accounted for 23,905,312 barrels, 31 p.c. above the total of 18,285,427 recorded in the corresponding period of 1953.

Gathering systems handled an average of 216,076 barrels per day, up 18 p.c. over September last year. Trunk lines averaged 595,185 barrels per day, 7 p.c. above the August average of 555,639 and 30 p.c. over September, 1953. Barrel miles rose to a new high of 5,699 million compared with 5,589 million in August and 3,764 in September last year. The average haul dropped from 324.5 miles in August to 319.2, but was well above last year's figure of 274.3.

The number of employees was down from 1,210 in August to 1,198, but salaries and wages recorded an increase and average earnings for September amounted to \$3,948 compared with \$3,886 in August and 9 p.c. above the average of \$3,624 earned in September, 1953.

Revenues earned during the third quarter of 1954 amounted to \$10,789,786 compared with \$8,267,545 in 1953. For the nine months ended September 30 revenues totalled \$30,224,274 against \$21,072,795 in 1953, an increase of 43 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Mills Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report. Operating statistics of the Nisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

The Trans Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

Prepared in the Public Finance and Transportation Division

504-508

4-11-54

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first nine months of 1954, per table 6	193,782,059
Received into Trunk Lines from other Canadian Pipe Lines	66,726,282
"Net Received" into Canadian Pipe Line Systems	127,055,777
"Net Received" into Trunk Systems per table 1	76,139,243
"Net Received" into Gathering Systems per table 2	50,916,534
Total Delivered out of Systems - all companies -	
during first nine months of 1954, per table 6	193,756,877
Delivered to other Canadian Pipe Lines	66,953,025
"Net Delivered" from Canadian Pipe Line Systems	126,803,852
"Net Delivered" from Trunk Systems per table 1	119,564,116
"Net Delivered" from Gathering Systems per table 2	7,239,736

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1954

	Barrels	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to September 30, 1954	50,916,534	
Received into Trunk Systems January 1 to September 30, 1954	152,160,799	203,077,333
Total oil accountable for Period		210,005,691
Delivered from Gathering Systems January 1 to September 30, 1954	50,946,412	
Delivered from Trunk Systems January 1 to September 30, 1954	152,105,739	203,052,151
Balance to be accounted for at September 30, 1954		6,953,540
Oil consumed as fuel and losses		268,183
Balance on hand - September 30, 1954		6,685,357
Total Shippers Balances - September 30, 1954	(1) 6,273,724	
Total Carriers Balances - September 30, 1954	411,633	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
September, 1953	-	-	190,685
August, 1954	2,364,401	-	492,277
September, 1954	2,157,306	-	348,163

(1) Includes 287,748 barrels loaned to Trans Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	September 1954	August 1954	September 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	18,068,270	17,388,292	15,266,540	152,160,799
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,273,683	1,141,741	596,482	9,295,274
3. Other pipe lines - Gathering	2,811,586	2,915,278	2,123,187	20,479,052
4. Trunk	5,579,867	5,879,640	4,490,431	46,247,230
5. Net Received (6+7+8)	8,403,134	7,451,733	5,056,520	71,179,243
6. Originating on own trunk lines	4,491,248	4,142,816	3,743,506	36,629,876
7. Received from foreign pipe line connections	3,911,886	3,308,817	4,257,008	39,142,928
8. Received from other carriers (rail & truck)	-	-	55,926	366,439
9. Total Delivered * (10+11)	17,855,569	17,224,823	13,723,450	152,105,739
10. Less: Delivered to other Canadian trunk lines	3,947,505	4,342,650	2,897,712	32,541,623
11. Net Delivered (12+13+14)	13,908,064	12,882,173	10,825,738	119,564,116
12. Terminated on own trunk lines	10,624,649	9,491,758	8,458,716	93,458,358
13. Delivered to foreign pipe line connections	3,281,807	3,389,808	2,367,022	26,091,277
14. Delivered to other carriers (rail & truck)	1,608	607	-	14,481

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	September 1954	August 1954	September 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,480,439	6,586,199	5,549,798	50,916,534
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	6,480,439	6,586,199	5,549,798	50,916,534
18. Originating on own gathering system	6,182,343	6,344,274	5,410,735	48,514,466
19. Received from other carriers (rail & truck)	298,096	241,925	139,063	2,402,068
20. Total Delivered * (21+22+23)	6,482,287	6,617,285	5,505,993	50,946,412
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,273,683	1,141,741	596,482	9,295,274
22. Other pipe lines	4,439,987	4,451,739	3,719,352	34,411,402
23. Net Delivered (24+25)	768,617	1,023,805	1,190,159	7,239,736
24. Terminated on gathering systems	698,489	936,595	899,066	6,636,549
25. Delivered to other carriers (rail & truck)	70,128	87,210	291,093	603,187

- * Includes natural gasoline and products.
 * Includes duplications.
 * Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		September 1 9 5 4	August 1 9 5 4	September 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	6,282,851	6,373,585	5,549,798	49,616,251
"	- Trunk	1,709,543	1,726,157	1,746,941	12,914,161
Saskatchewan	- Trunk	-	-	-	1,947
Manitoba	- Trunk	-	-	55,926	344,889
"	- Gathering	197,588	212,614	-	1,300,283
Ontario (2)	- Trunk	1,633,340	1,391,182	926,812	13,818,264
Quebec (3)	- Trunk	5,060,251	4,334,294	5,326,761	49,059,982
Net Received	- Gathering	6,480,439	6,586,199	5,549,798	50,916,534
" "	- Trunk	8,403,134	7,451,633	8,056,440	76,139,243
" "	- Total	14,883,573	14,037,832	13,606,238	127,055,777

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		September 1 9 5 4	August 1 9 5 4	September 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,373,888	1,298,190	-	9,901,622
Alberta (1)	- Gathering	768,617	1,023,805	1,190,159	7,239,736
"	- Trunk	656,550	612,029	542,785	5,312,396
Saskatchewan	- Trunk	1,375,460	1,210,198	1,189,179	10,372,964
Manitoba	- Trunk	3,869,820	4,002,410	2,907,790	31,080,959
Ontario (2)	- Trunk	2,781,847	2,415,405	1,991,512	23,742,746
Quebec	- Trunk	3,850,499	3,343,941	4,194,472	39,153,429
Net Delivered	- Trunk	13,908,064	12,882,173	10,825,738	119,564,116
" "	- Total	14,676,681	13,905,978	12,015,897	126,803,852
/ Including deliveries to U.S. pipe lines at Gretna, Man.		3,281,807	3,389,808	2,367,022	26,091,277

TABLE 5

OPERATING STATISTICS

		September 1 9 5 4	August 1 9 5 4	September 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	216,076	213,461	183,533	186,616
Trunk Lines	"	595,185	555,639	457,448	557,163
Total Barrel Miles (Trunk Lines)	Millions	5,699	5,589	3,764	45,639
Average Miles Per Barrel (Trunk Lines)	Miles	319.2	324.5	274.3	300.0
Employees and Earnings (6)					
Average Number (4)	No.	1,198	1,210	932	1,165
Total Salaries and Wages	\$	473,031	470,197	337,723	4,087,573
Man-Hours Worked by Wage Earners (5) (6)	Hours	51,886	53,912	49,273	464,004

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

September, 1954

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (September, 1954)	4,482,010	6,263,858	3,911,886	1,090,348	(2)7,526,924	23,275,026
This year (9 Months)	36,239,380	48,837,521	39,142,928	9,378,454	(3)60,183,776	193,782,059
<u>Total Delivered out of System</u>						
This month (September, 1954)	4,468,655	5,835,068	3,850,499	1,373,888	(4)7,536,063	23,064,173
This year (9 Months)	36,241,336	48,311,041	39,153,429	9,901,725	(5)60,149,346	193,756,877
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (September, 1954)	14,8955	-	-	-	67,121	216,076
This year (9 Months)	132,752	-	-	-	53,864	186,616
<u>Trunk Lines</u>						
This month (September, 1954)	-	194,502	128,349	45,796	226,538	595,185
This year (9 Months)	-	176,964	143,419	36,270	200,510	557,163
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (September, 1954)	-	3,504	281	969	945	5,699
This year (9 Months)	-	27,997	2,872	7,009	7,491	45,369
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (September, 1954)	-	601.0	73.1	708.0	139.0	319.2
This year (9 Months)	-	580.0	73.3	708.0	141.7	300.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	(6)2,570,495	9,738,989
Six Months ending June 30, 1954	1,837,764	8,572,413	930,621	2,954,144	(6)5,139,546	19,434,488
Nine Months ending Sept. 30, 1954	2,933,237	13,045,971	1,312,147	4,745,563	8,187,356	30,224,274
Twelve Months ending Dec. 31, 1954						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (September, 1954)	212	431	54	167	(7) 334	1,198
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (September, 1954)	75,486	177,428	22,152	80,292	(7) 117,673	473,031
This year (9 Months)	674,441	1,491,052	162,467	716,332	(7)1,043,281	4,087,573
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (September, 1954)	26,273	918	3,133	2,382	(7) 9,180	51,886
This year (9 Months)	233,745	12,091	13,803	19,715	(7) 184,650	464,004

* Totals include duplication between companies.

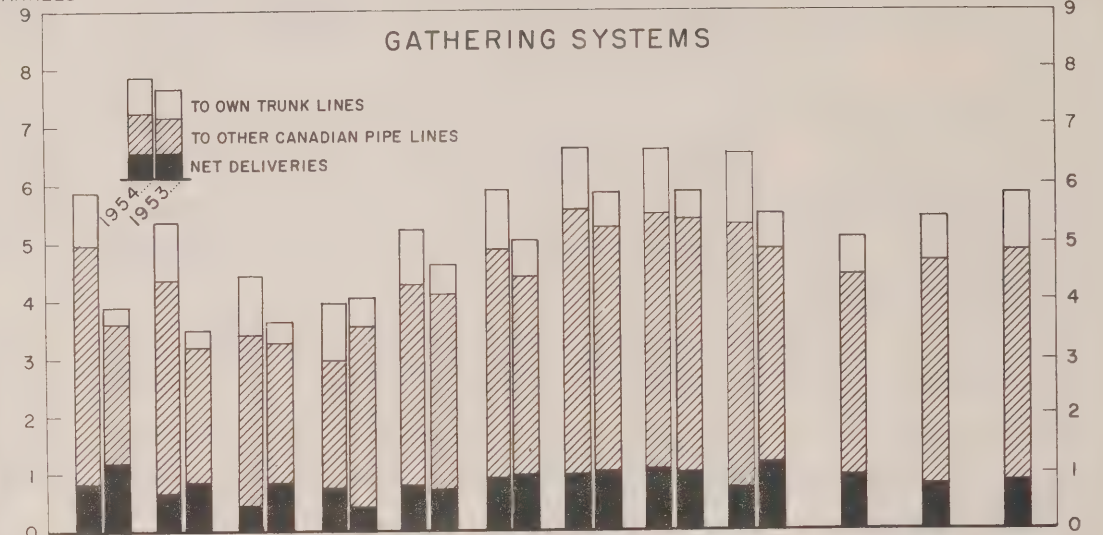
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Trans-Prairie Pipelines Ltd., formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,805,172 bbls. products and 43,594 bbls. natural gasoline.
- (3) Includes 23,899,392 bbls. products and 392,906 bbls. natural gasoline.
- (4) Includes 2,857,760 bbls. products and 45,351 bbls. natural gasoline.
- (5) Includes 23,905,312 bbls. products and 390,195 bbls. natural gasoline.
- (6) Includes Amurex Oil Development Company.
- (7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

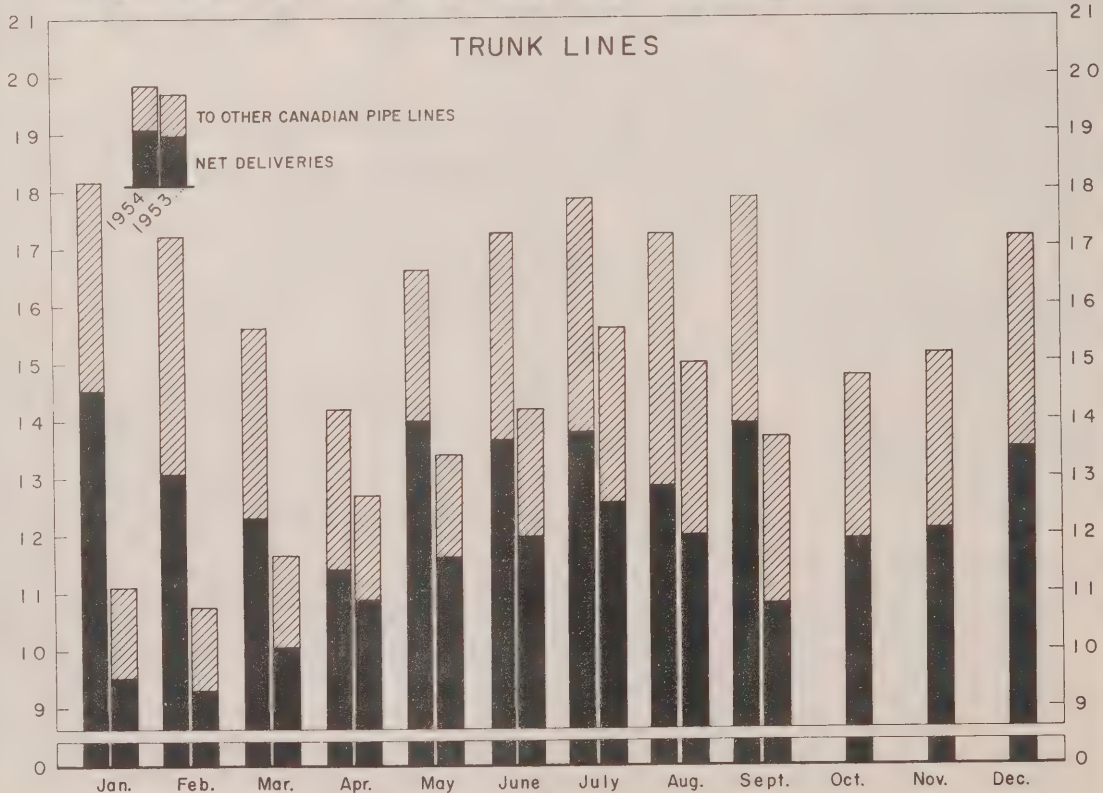
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



BAROMETRIC FILE

DEPT. OF

Memorandum

UNIVERSITY OF TORONTO

Vol. 4, No. 10

OCTOBER, 1954.

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Oil delivered from Canadian pipe lines during October averaged 473,216 barrels per day compared with a daily average of 489,223 barrels in September and 416,939 in October last year, an increase of 14.6 p.c. over the 1953 figure.

Net receipts totalled 15,529,476 barrels, up 4 p.c. from September's receipts of 14,883,573 and 21 p.c. above October, 1953. Included in the October receipts were 7,530,532 barrels of Alberta crude, 51,799 of Alberta natural gasoline, 236,834 of Manitoba crude, 1,024,655 of imported crude and 2,685,656 barrels of refinery products.

Net deliveries of oil for the month of October amounted to 14,824,697 barrels as against 12,925,109 barrels in the corresponding month last year. For the ten months ended October 31, net deliveries amounted to 141,628,549 barrels compared with 119,985,808 in the same period last year, an increase of 18 p.c. Provincial totals for the ten-month period were as follows (1953 data in brackets): British Columbia, 11,158,737 barrels (8,664*); Alberta, 13,597,923 (14,110,827); Saskatchewan, 11,735,616 (11,813,177); Manitoba, 34,576,115 (29,416,491); Ontario, 26,390,231 (20,223,614) and Quebec 44,169,927 (44,154,635). The British Columbia figure includes for the first time an export item of 231,657 barrels of crude destined to a refinery at Ferndale, Washington. Manitoba deliveries include 28,927,990 barrels (24,328,792) transferred to the Lakehead Pipe Line Company for transport through the United States. The bulk of this oil returns to Canada at Sarnia.

During October gathering systems handled an average of 200,757 barrels per day as against 216,076 barrels in September and 164,546 in October, 1953. Trunk lines averaged 88,494 barrels per day compared with 595,185 in September and 476,776 in October, 1953, an increase of 26 p.c. over the previous year. Barrel miles at 5,327 million were down from the previous month by 7 p.c. but 17 p.c. above last year. The average haul dropped from 319.2 in September to 287.1.

Employment fell off during October with 1,181 employees earning \$461,547 compared with 1,198 employees earning \$473,031 in the previous month. The average wage for the month of \$391 was below September's average of \$395 but 7 p.c. above the average of \$365 earned in October, 1953.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report. Operating statistics of the Wisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

The Trans-Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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04-55.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first ten months of 1954, per table 6	218,138,731
Received into Trunk Lines from other Canadian Pipe Lines	75,553,478
"Net Received" into Canadian Pipe Line Systems	142,585,253
"Net Received" into Trunk Systems per table 1	85,400,241
"Net Received" into Gathering Systems per table 2	57,185,012
Total Delivered out of Systems - all companies -	
during first ten months of 1954, per table 6	217,382,125
Delivered to other Canadian Pipe Lines	75,753,576
"Net Delivered" from Canadian Pipe Line Systems	141,628,549
"Net Delivered" from Trunk Systems per table 1	133,898,300
"Net Delivered" from Gathering Systems per table 2	7,730,249

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for October and are given herewith:

OIL BALANCE - ALL COMPANIES - OCTOBER, 1954.

	Barrels
Total Shippers Balances - January 1, 1954	6,141,288
Total Carriers Balances - January 1, 1954	787,070
Received into Gathering Systems January 1 to October 31, 1954	57,185,012
Received into Trunk Systems January 1 to October 31, 1954	171,400,552
Total oil accountable for Period	235,513,922
Delivered from Gathering Systems January 1 to October 31, 1954	57,169,884
Delivered from Trunk Systems January 1 to October 31, 1954	170,659,074
Balance to be accounted for at October 31, 1954	7,684,964
Oil consumed as fuel and losses	285,227
Balance on hand - October 31, 1954	7,399,737
Total Shippers Balances - October 31, 1954	(1) 7,039,700
Total Carriers Balances - October 31, 1954	360,037

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
October, 1953	-	413,345	43,713
September, 1954	2,157,306	-	348,163
October, 1954	2,919,363	-	506,417

(1) Includes 118,476 barrels loaned to Trans-Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	OCTOBER 1954	SEPTEMBER 1954	OCTOBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	19,239,753	18,068,270	14,517,671	171,400,552
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,151,559	1,273,683	651,265	10,446,833
3. Other pipe lines - Gathering	2,587,282	2,811,586	2,246,399	23,066,334
4. Trunk	6,239,914	5,579,867	3,898,437	52,487,144
5. Net Received (6+7+8)	9,260,998	8,473,134	7,721,570	85,400,241
6. Originating on own trunk lines	4,236,343	4,491,248	3,426,745	40,866,219
7. Received from foreign pipe line connections	5,024,655	3,911,886	4,217,934	44,167,583
8. Received from other carriers (rail & truck)	-	-	77,591	366,439
9. Total Delivered * (10+11)	18,553,335	17,855,569	14,780,372	170,659,074
10. Less: Delivered to other Canadian trunk lines	4,219,151	3,747,595	2,238,607	38,760,774
11. Net Delivered (12+13+14)	14,334,184	13,908,064	11,741,465	133,398,300
12. Terminated on own trunk lines	11,214,346	10,624,649	8,308,179	104,672,704
13. Delivered to foreign pipe line connections	3,118,370	3,281,307	3,133,266	29,209,647
14. Delivered to other carriers (rail & truck)	1,468	1,608	-	15,949

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	OCTOBER 1954	SEPTEMBER 1954	OCTOBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,268,478	6,480,439	5,107,849	57,162,012
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	6,268,478	6,480,439	5,107,849	57,162,012
18. Originating on own gathering system	5,867,626	6,182,343	5,000,786	54,382,092
19. Received from other carriers (rail & truck)	400,852	298,096	107,063	2,802,920
20. Total Delivered * (21+22+23)	6,223,472	6,482,287	5,100,945	57,169,384
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,151,559	1,273,683	651,265	10,446,833
22. Other pipe lines	4,581,400	4,439,987	3,466,036	33,992,302
23. Net Delivered (24+25)	490,513	768,617	733,644	7,130,449
24. Terminated on gathering systems	405,707	693,489	339,727	7,042,256
25. Delivered to other carriers (rail & truck)	84,806	70,128	143,917	687,993

* Includes natural gasoline and products.

* Includes duplications.

* Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

			OCTOBER 1 9 5 4	SEPTEMBER 1 9 5 4	OCTOBER 1 9 5 3	YEAR TO DATE 1 9 5 4
Province			Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering		6,031,644	6,232,851	5,107,849	55,647,395
"	- Trunk		1,585,139	1,709,543	1,423,239	14,499,300
Saskatchewan	- Trunk		-	-	-	1,947
Manitoba	- Trunk		-	-	77,591	344,889
"	- Gathering		236,834	197,583	-	1,537,117
Ontario (2)	- Trunk		1,600,390	1,633,340	1,137,324	15,419,154
Quebec (3)	- Trunk		6,074,969	5,060,251	5,083,416	55,134,951
Net Received	- Gathering		6,268,478	6,430,439	5,107,849	57,185,012
" "	- Trunk		9,260,998	3,403,134	7,721,570	85,400,241
" "	- Total		15,529,476	14,833,573	12,829,419	142,585,253

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

			OCTOBER 1 9 5 4	SEPTEMBER 1 9 5 4	OCTOBER 1 9 5 3	YEAR TO DATE 1 9 5 4
Province			Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk		1,257,115	1,373,888	267,064	11,158,737
Alberta (1)	- Gathering		490,513	768,617	983,644	7,730,249
"	- Trunk		555,278	656,550	383,555	5,867,674
Saskatchewan	- Trunk		1,362,652	1,375,460	1,373,335	11,735,616
Manitoba	- Trunk		3,495,156	3,869,320	3,669,181	34,576,115
Ontario (2)	- Trunk		2,647,485	2,781,847	1,938,187	26,390,231
Quebec	- Trunk		5,016,498	3,850,499	4,310,143	44,169,927
Net Delivered	- Trunk		14,334,184	13,908,064	11,941,465	133,898,300
" "	- Total		14,824,697	14,676,681	12,925,109	141,628,549
Including exports to U.S.A. at SUMMIT, B.C.			281,657	-	-	281,657
Including deliveries to U.S. pipe lines, Gretna, Man.			2,836,713	3,281,907	3,133,266	28,927,990

TABLE 5

OPERATING STATISTICS

			OCTOBER 1 9 5 4	SEPTEMBER 1 9 5 4	OCTOBER 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average						
Gathering Systems	Barrels		200,757	216,076	164,546	188,059
Trunk Lines	"		598,494	595,185	476,776	561,373
Total Barrel Miles (Trunk Lines)	Millions		5,327	5,699	4,559	50,966
Average Miles Per Barrel (Trunk Lines)	Miles		287.1	319.2	308.4	298.6
Employees and Earnings (6)						
Average Number (4)	No.		1,131	1,198	1,057	1,316
Total Salaries and Wages	\$		461,547	473,031	385,629	4,549,120
Man-Hours Worked by Wage Earners (5) (6)	Hours		51,123	51,886	45,639	515,127

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

October, 1954.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (October, 1954)	4,340,346	6,538,353	5,024,655	1,203,270	(2) 7,250,343	24,356,672
This year (10 months)	40,579,426	55,375,374	44,167,583	10,581,724	(3) 67,434,124	218,138,731
<u>Total Delivered out of System</u>						
This month (October, 1954)	4,320,332	5,302,667	5,016,498	1,257,115	(4) 7,228,636	23,625,248
This year (10 months)	40,561,668	54,113,708	44,169,927	11,158,340	(5) 67,377,982	217,302,125
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (October, 1954)	139,366	-	-	-	61,391	200,757
This year (10 months)	133,427	-	-	-	54,632	188,059
<u>Trunk Lines</u>						
This month (October, 1954)	-	187,183	161,823	40,552	208,936	598,494
This year (10 months)	-	178,006	145,296	36,707	201,369	561,378
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (October, 1954)	-	3,184	369	871	903	5,327
This year (10 months)	-	31,181	3,241	7,880	3,664	50,966
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (October, 1954)	-	549.0	73.6	693.0	139.4	287.1
This year (10 months)	-	576.0	73.4	706.0	141.5	298.6
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1954	930,894	4,200,082	474,043	1,563,475	(6) 2,570,495	9,730,909
Six Months ending June 30, 1954	1,837,764	8,572,413	930,621	2,954,144	(6) 5,139,546	19,434,488
Nine Months ending Sept. 30, 1954	2,933,237	13,045,971	1,312,147	4,745,563	8,187,356	30,224,274
Twelve Months ending Dec. 31, 1954						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (October, 1954)	208	419	53	161	(7) 340	1,181
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (October, 1954)	76,478	170,711	21,383	75,758	(7) 117,217	461,547
This year (10 months)	750,919	1,661,763	183,850	792,080	(7) 1,160,508	4,549,120
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (October, 1954)	26,621	619	1,232	1,881	(7) 20,770	51,123
This year (10 months)	260,366	12,710	15,035	21,596	(7) 205,420	515,127

* Totals include duplication between companies.

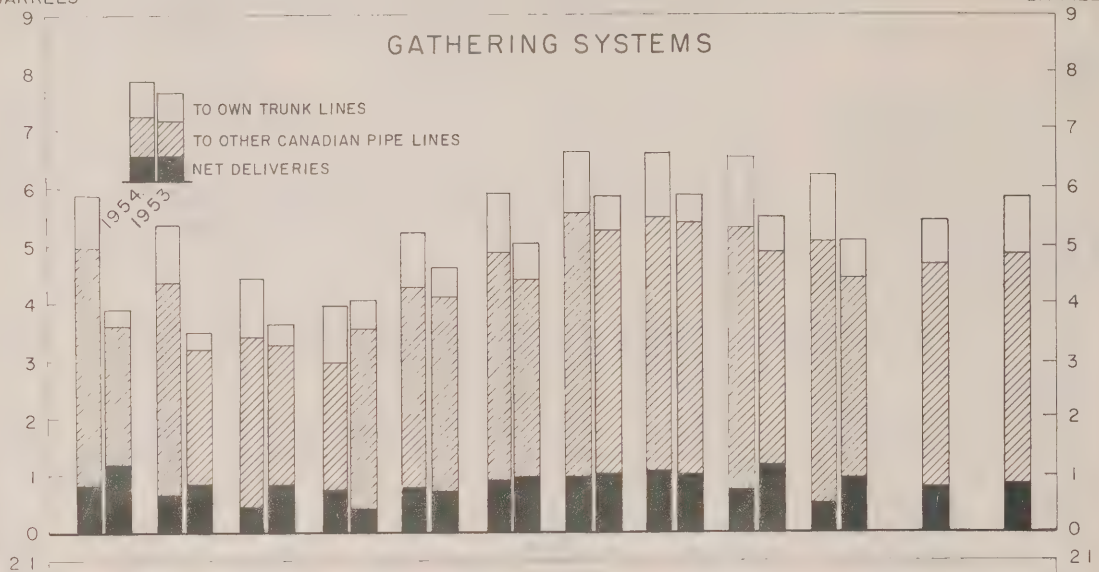
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Trans-Prairie Pipe Lines Ltd., formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,685,656 bbls. products and 51,799 bbls. natural gasoline.
- (3) Includes 26,585,048 bbls. products and 44,705 bbls. natural gasoline.
- (4) Includes 2,680,366 bbls. products and 49,254 bbls. natural gasoline.
- (5) Includes 26,585,678 bbls. products and 439,449 bbls. natural gasoline.
- (6) Includes Amurex Oil Development Company.
- (7) Excludes Amurex Oil Development Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

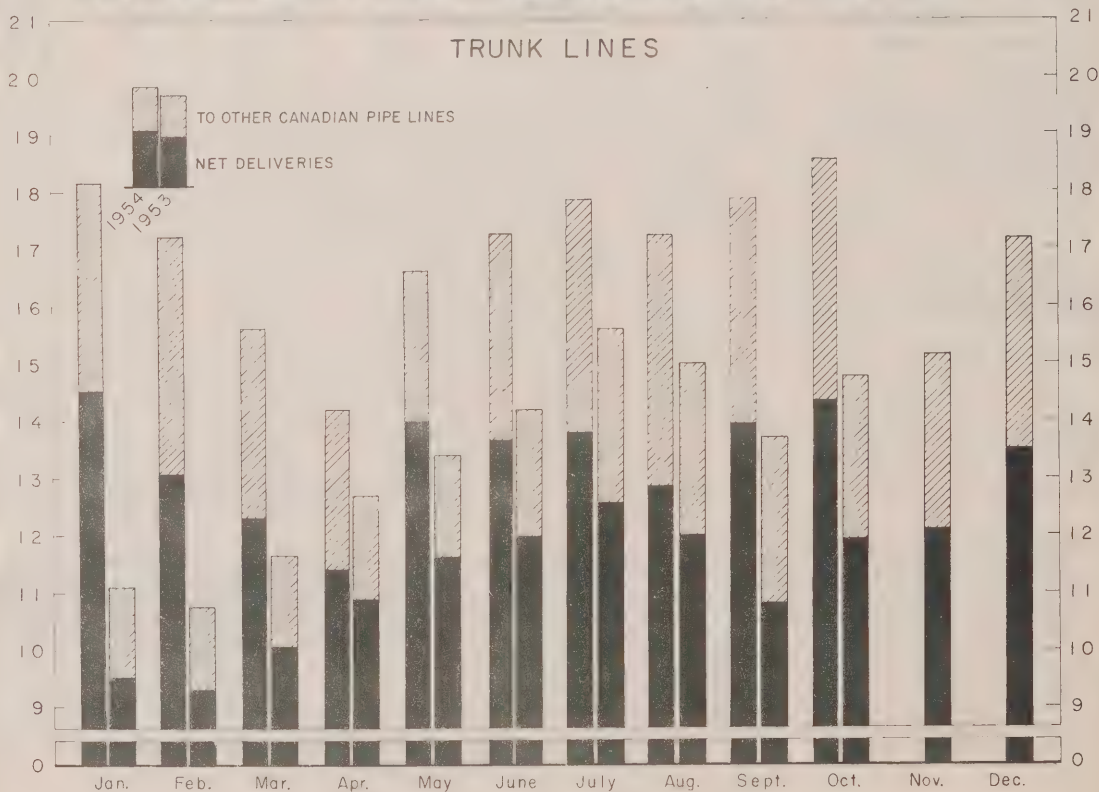
MILLION
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BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 4, No. 11

NOVEMBER, 1954.

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Canadian pipe lines delivered a total of 14,512,246 barrels of oil during November, comprising a daily average of 483,742, some 5,500 above October's deliveries of 478,216 barrels per day and 53,000 or 12 p.c. above the daily average of 430,614 recorded in November, 1953.

Net receipts for the month totalled 14,878,614 barrels compared with 13,296,952 in 1953, an increase of 11.8 p.c. Included in the net receipts for November were 7,112,536 barrels of Alberta crude, 51,481 barrels of Alberta natural gasoline, 224,661 of Manitoba crude, 4,543,639 of imported crude and 2,946,297 barrels of refinery products.

For the eleven months ended November 30 net deliveries amounted to 156,140,795 barrels, compared with 132,904,219 in the same period last year, an increase of 17 p.c. Provincial totals for the period were as follows, (1953 data in brackets): British Columbia, 12,628,072 barrels (922,332*); Alberta, 14,948,232 (15,492,233); Saskatchewan, 12,826,595 (13,009,740); Manitoba, 37,732,733 (32,934,150); Ontario, 29,308,371 (22,197,045) and Quebec, 48,696,792 (48,348,719). British Columbia deliveries include 631,484 barrels exported to the United States since the first of October, 1954. Manitoba deliveries include 31,523,343 barrels (27,314,558) delivered to the Lakehead Pipe Line Company at the United States border, principally destined to refineries at Sarnia, and 6,209,390 (5,619,592) delivered within the province. Of the total oil delivered during the eleven months under review, refinery products accounted for 29,533,868 barrels in 1954 as against 22,197,045 in 1953, an increase of 33 p.c.

Both gathering systems and trunk lines reported a drop in the average barrels handled during November. Gathering systems handled an average of 199,061 barrels per day against 200,757 in October, and trunk lines reported an average of 581,196 compared with 598,494 in October. Compared with November, 1953, gathering systems recorded an increase of 9 p.c. and trunk lines were up by almost 15 p.c. Barrel miles at 5,063 million were 5 p.c. below October but 7 p.c. above November, 1953.

Employment dropped from 1,181 in October to 1,164 but salaries and wages rose from \$461,547 in October to \$463,597.

Data for the Gibson Crude Oil Purchasing Company, Ltd., operating a gathering system from the Rimbeys field in Alberta, are included in this report. The line commenced operating on November 20. Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Co. in Alberta, Anglo Canadian Oils Ltd. in Manitoba and employee data of the Amurex Oil Development Company in Alberta have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report. Operating statistics of the Nisku Products Pipe Line Company, Limited, carrying natural gasoline from the compression refrigeration plant at Devon to refineries at Edmonton are included in this report. Employee data are not available for this line.

* The Trans-Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

Total Received into Systems - all companies -	Barrels
during first eleven months of 1954, per table 6	240,841,483
Received into Trunk Lines from other Canadian Pipe Lines	83,377,616
"Net Received" into Canadian Pipe Line Systems	157,463,867
"Net Received" into Trunk Systems per table 1	94,310,390
"Net Received" into Gathering Systems per table 2	63,153,477
 Total Delivered out of Systems - all companies -	
during first eleven months of 1954, per table 6	239,686,765
Delivered to other Canadian Pipe Lines	83,545,970
"Net Delivered" from Canadian Pipe Line Systems	156,140,795
"Net Delivered" from Trunk Systems per table 1	147,659,065
"Net Delivered" from Gathering Systems per table 2	8,481,730

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for November and are given herewith:

OIL BALANCE - ALL COMPANIES - NOVEMBER, 1954.

	Barrels	
Total Shippers Balances - January 1, 1954	6,141,288	
Total Carriers Balances - January 1, 1954	787,070	6,928,358
Received into Gathering Systems January 1 to November 30, 1954	63,153,477	
Received into Trunk Systems January 1 to November 30, 1954	189,237,929	252,391,406
Total oil accountable for period		259,319,764
Delivered from Gathering Systems January 1 to November 30, 1954	63,141,734	
Delivered from Trunk Systems January 1 to November 30, 1954	188,094,954	251,236,688
Balance to be accounted for at November 30, 1954		8,083,076
Oil consumed as fuel and losses		342,605
Balance on hand - November 30, 1954		7,740,471
Total Shippers Balances - November 30, 1954	(1) 7,436,856	
Total Carriers Balances - November 30, 1954		303,615

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
November, 1953	-	443,652	164,503
October, 1954	2,919,363	-	506,417
November, 1954	2,691,846	-	481,028

(1) Includes 118,476 barrels loaned to Trans-Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	NOVEMBER 1954	OCTOBER 1954	NOVEMBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	17,837,377	19,239,753	15,589,330	189,237,929
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,103,090	1,151,559	796,948	11,549,923
3. Other pipe lines - Gathering	2,431,284	2,587,282	2,245,396	25,497,618
4. Trunk	5,392,854	6,239,914	4,666,217	57,879,998
5. <u>Net Received (6+7+8)</u>	8,910,149	9,260,998	7,880,669	94,310,390
6. Originating on own trunk lines	4,366,510	4,236,343	3,508,828	45,232,729
7. Received from foreign pipe line connections	4,543,639	5,024,655	4,265,379	48,711,222
8. Received from other carriers (rail & truck)	-	-	106,462	366,439
9. <u>Total Delivered * (10+11)</u>	17,435,880	18,553,335	15,173,296	188,094,954
10. Less: Delivered to other Canadian trunk lines	3,675,115	4,219,151	3,055,915	40,435,889
11. <u>Net Delivered (12+13+14)</u>	13,760,765	14,334,184	12,117,381	147,659,065
12. Terminated on own trunk lines	10,813,050	11,214,346	9,131,615	115,485,754
13. Delivered to foreign pipe line connections	2,945,180	3,118,370	2,985,766	32,156,827
14. Delivered to other carriers (rail & truck)	2,535	1,468	-	18,484

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	NOVEMBER 1954	OCTOBER 1954	NOVEMBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	5,968,465	6,268,478	5,416,283	63,153,477
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	5,968,465	6,268,478	5,416,283	63,153,477
18. Originating on own gathering system	5,540,238	5,867,626	5,238,508	59,922,330
19. Received from other carriers (rail & truck)	428,227	400,852	177,775	2,231,147
20. <u>Total Delivered * (21+22+23)</u>	5,971,850	6,223,472	5,467,809	63,141,734
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,103,090	1,151,559	796,948	11,549,923
22. Other pipe lines	4,117,279	4,581,400	3,869,831	43,111,081
23. <u>Net Delivered (24+25)</u>	751,481	490,513	801,030	8,481,730
24. Terminated on gathering systems	689,617	405,707	796,922	7,731,873
25. Delivered to other carriers (rail & truck)	61,864	84,806	14,108	74,857

- ¹ Includes natural gasoline and products.
 * Includes duplications.
² Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		NOVEMBER 1 9 5 4	OCTOBER 1 9 5 4	NOVEMBER 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	5,743,804	6,031,644	5,416,283	61,391,699
"	- Trunk	1,449,048	1,585,139	1,525,664	15,948,348
Saskatchewan	- Trunk	-	-	2,812	1,947
Manitoba	- Trunk	-	-	103,650	344,889
"	- Gathering	224,661	236,834	-	1,761,778
Ontario (2)	- Trunk	1,765,536	1,600,890	1,052,707	17,184,690
Quebec (3)	- Trunk	5,695,565	6,074,969	5,195,836	60,830,516
Net Received	- Gathering	5,968,465	6,268,478	5,416,283	63,153,477
" "	- Trunk	8,910,149	9,260,998	7,880,669	94,310,390
" "	- Total	14,878,614	15,529,476	13,296,952	157,463,867

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		NOVEMBER 1 9 5 4	OCTOBER 1 9 5 4	NOVEMBER 1 9 5 3	YEAR TO DATE 1 9 5 4
		Barrels	Barrels	Barrels	Barrels
British Columbia	✓ - Trunk	1,469,335	1,257,115	655,268	12,628,072
Alberta (1)	- Gathering	751,481	490,513	801,030	8,481,730
"	- Trunk	598,828	555,278	580,376	6,466,502
Saskatchewan	- Trunk	1,090,979	1,362,652	1,196,563	12,826,595
Manitoba	✓ - Trunk	3,156,618	3,495,156	3,517,659	37,732,733
Ontario (2)	- Trunk	2,918,140	2,647,485	1,973,431	29,308,371
Quebec	- Trunk	4,526,865	5,016,498	4,194,084	48,696,792
Net Delivered	- Trunk	13,760,765	14,334,184	12,117,381	147,659,065
" "	- Total	14,512,246	14,824,697	12,918,411	156,140,795
✓ Including exports to U.S.A. at Sumas, B.C.		349,827	281,657	-	631,484
✓ Including deliveries to U.S. pipe lines, Gretna, Man.		2,595,353	2,836,713	2,985,766	31,523,343

TABLE 5

OPERATING STATISTICS

		NOVEMBER 1 9 5 4	OCTOBER 1 9 5 4	NOVEMBER 1 9 5 3	YEAR TO DATE 1 9 5 4
Barrels Handled - Daily Average					
Gathering Systems	Barrels	199,061	200,757	182,260	189,047
Trunk Lines	"	581,196	598,494	505,776	563,158
Total Barrel Miles (Trunk Lines)	Millions	5,063	5,327	4,711	56,031
Average Miles Per Barrel (Trunk Lines)	Miles	290.4	287.1	310.5	297.8
Employees and Earnings (6)					
Average Number (4)	No.	1,164	1,181	1,087	1,183
Total Salaries and Wages	\$	463,597	461,547	425,426	5,012,717
Man-Hours Worked by Wage Earners (5) (6)	Hours	47,959	51,123	47,088	563,086

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., and Sarnia Products Line.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

November, 1954.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (November, 1954)	4,162,658	5,482,515	4,543,639	1,581,099	(2) 6,932,841	22,702,752
This year (11 months)	44,742,084	60,858,389	48,711,222	12,162,823	(3) 74,366,965	240,841,483
<u>Total Delivered out of System</u>						
This month (November, 1954)	4,169,273	5,164,681	4,526,865	1,469,335	(4) 6,974,486	22,304,640
This year (11 months)	44,730,941	59,278,389	48,696,792	12,628,175	(5) 74,352,468	239,686,765
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (November, 1954)	138,976	-	-	-	60,085	199,061
This year (11 months)	133,925	-	-	-	55,122	189,047
<u>Trunk Lines</u>						
This month (November, 1954)	-	172,156	150,895	48,978	209,167	581,196
This year (11 months)	-	177,480	145,798	37,676	202,204	563,158
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (November, 1954)	-	2,813	333	1,026	891	5,063
This year (11 months)	-	33,994	3,575	8,906	9,556	56,031
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (November, 1954)	-	545.0	73.3	698.0	142.0	290.4
This year (11 months)	-	573.0	73.4	708.0	141.6	297.8
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1954.	930,894	4,200,082	474,043	1,563,475	(6) 2,570,495	9,738,989
Six Months ending June 30, 1954.	1,837,764	8,572,413	930,621	2,954,144	(6) 5,139,546	19,434,488
Nine Months ending Sept. 30, 1954.	2,933,237	13,045,971	1,312,147	4,745,563	(6) 8,187,356	30,224,274
Twelve Months ending Dec. 31, 1954.						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (November, 1954)	203	406	53	159	(7) 343	1,164
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (November, 1954)	74,251	166,623	20,944	77,673	(7) 124,106	463,597
This year (11 months)	825,170	1,828,386	204,794	869,753	(7) 1,284,614	5,012,717
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (November, 1954)	24,743	110	1,182	2,082	(7) 19,842	47,959
This year (11 months)	285,109	12,820	16,217	23,678	(7) 225,262	563,086

* Totals include duplication between companies.

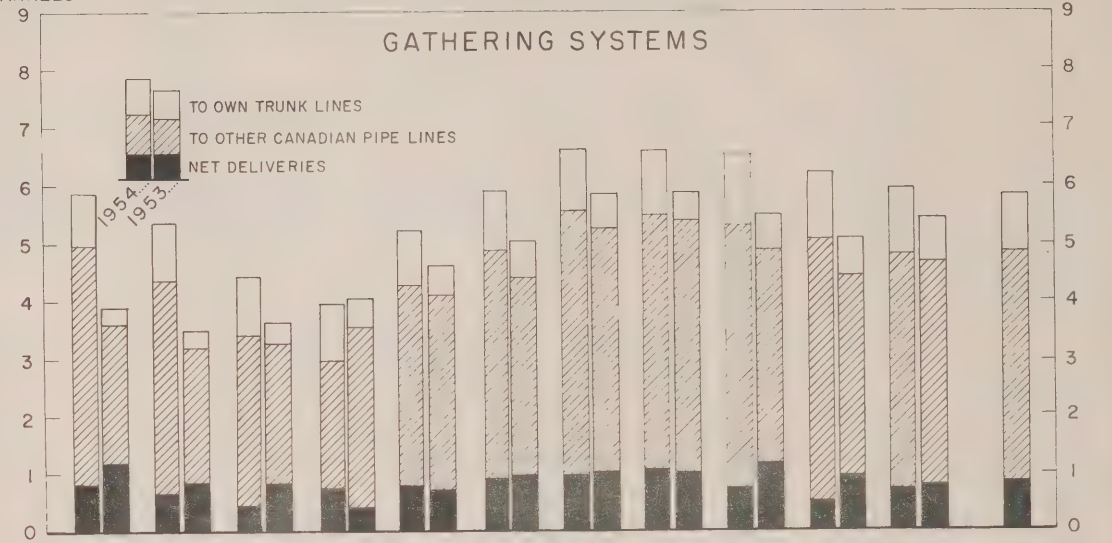
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; S.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 2,946,297 bbls. products and 51,481 bbls. natural gasoline.
- (3) Includes 29,531,345 bbls. products and 496,186 bbls. natural gasoline.
- (4) Includes 2,948,190 bbls. products and 50,660 bbls. natural gasoline.
- (5) Includes 29,533,868 bbls. products and 490,109 bbls. natural gasoline.
- (6) Includes Amurex Oil Development Company.
- (7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

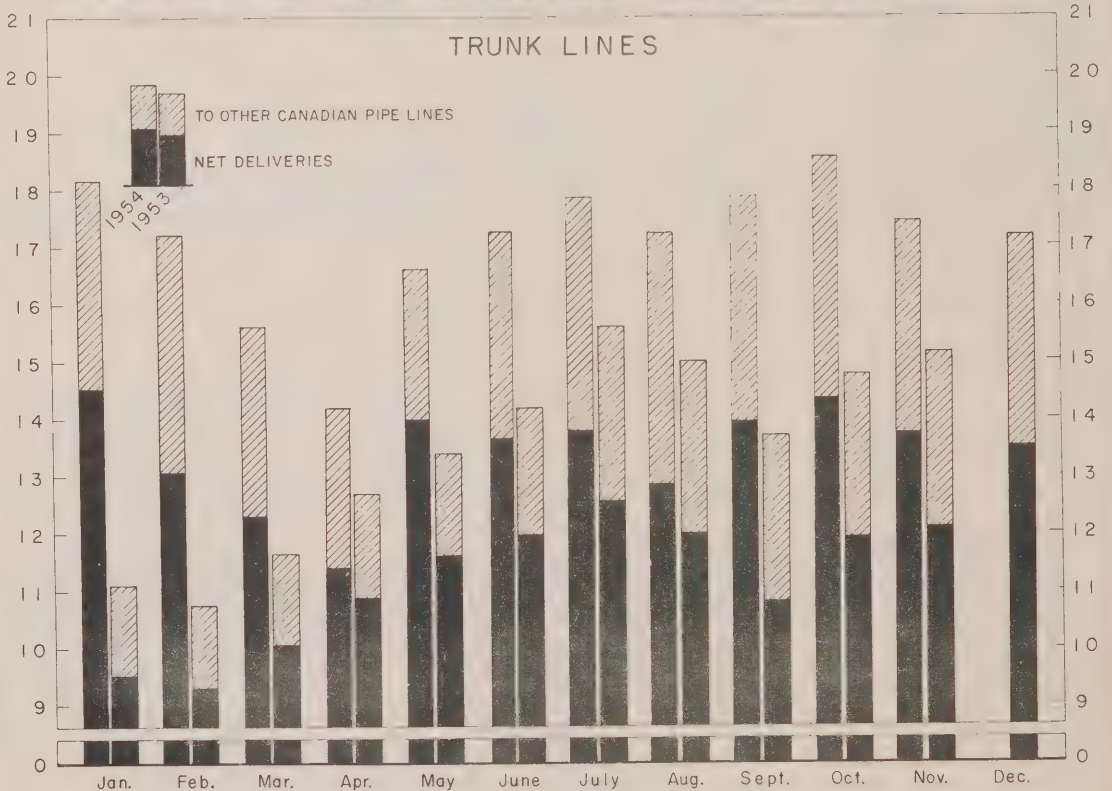
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

DEPT.



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 4, No. 12

DECEMBER, 1954.

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

Oil carried by Canadian pipe lines reached a new high in December with a net delivery of 513,714 barrels per day, compared with 484,182 barrels in November and 64,502 in December, 1953. Total net deliveries for the month amounted to 15,925,138 barrels, 10.5 p.c. above the 14,399,552 barrels delivered in the corresponding month last year.

For the twelve months ended December 31 net deliveries totalled 172,495,935 barrels compared with a total of 147,303,771 in 1953. Provincial totals for the year were as follows (1953 data in brackets): British Columbia, 14,566,334 barrels (1,540,011*); Alberta, 16,452,608 (16,984,749); Saskatchewan, 14,191,691 (14,189,654); Manitoba, 1,519,892 (36,682,639); Ontario, 32,441,988 (24,868,257) and Quebec, 53,323,422 (53,038,461). Manitoba deliveries included 34,776,583 barrels (30,524,131) transferred to the Lakehead Pipe Line Company for transport through the United States, principally to Sarnia refineries, and 6,743,309 (6,158,508) delivered within the province. Of interprovincial's deliveries to the Lakehead line during the past year, 31,323,630 barrels had re-entered Canada at Sarnia by the end of the year.

Net receipts during December totalled 16,451,209 barrels compared with 14,766,793 in the same month of 1953. December receipts included 8,200,711 barrels of Alberta crude and 53,323 barrels of Alberta natural gasoline, 123,214 of Saskatchewan crude, 264,796 of Manitoba crude, 4,646,800 of imported crude and 3,162,365 barrels of refinery products.

Both gathering and trunk lines made record deliveries in December. Gathering lines handled an average of 223,093 barrels per day compared with 201,827 in November and 18,895 in December last year. Trunk lines handled 619,458 barrels per day, 6 p.c. above the November average of 581,196 barrels and almost 12 p.c. above December 1953. Barrel hauls reached a new peak at 5,881 million and the average haul rose from 290.4 miles in November to 306.2.

Employment during December showed little change from the previous month but the average for the year at 1,185 was 25 p.c. above the 1953 average of 951. Earnings also were up by 31 p.c. from \$4,188,498 in 1953 to \$5,503,329.

Operating revenues for the last quarter of the year amounted to \$11,438,213, bringing the total for the year to \$41,765,773 compared with \$28,305,431 in 1953, an increase of almost 48 p.c.

The South Saskatchewan Pipe Line Company is included in this report for the first time and the November figures shown in this report have been revised to include its November operations. This company has a gathering system serving the Fosterton area of Saskatchewan with a terminal at Cantuar. The trunk line connects Cantuar with Regina, Saskatchewan, a distance of 155 miles. Oil first entered the trunk line on November 5, 1954. The Green River Exploration Company also appears for the first time in this report.

The Trans-Mountain Oil Pipe Line Company made its first deliveries to British Columbia terminals in October, 1953.

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Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1954.

This company commenced operations in December with two parallel lines carrying absorption plant products from Bonnie Glen to loading facilities at Galmar, Alberta.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during twelve months of 1954, per table 6	266,689,003
Received into Trunk Lines from other Canadian Pipe Lines	92,267,615
"Net Received" into Canadian Pipe Line Systems	174,421,388
"Net Received" into Trunk Systems per table 1	103,876,468
"Net Received" into Gathering Systems per table 2	70,544,920
Total Delivered out of Systems - all companies - during twelve months of 1954, per table 6	264,902,261
Delivered to other Canadian Pipe Lines	92,406,326
"Net Delivered" from Canadian Pipe Line Systems	172,495,935
"Net Delivered" from Trunk Systems per table 1	162,634,754
"Net Delivered" from Gathering Systems per table 2	9,861,181

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for December and are given herewith:

OIL BALANCE - ALL COMPANIES - DECEMBER, 1954.

		Barrels
Total Shippers Balances - January 1, 1954	x 6,153,116	
Total Carriers Balances - January 1, 1954	787,070	x 6,940,186
Received into Gathering Systems January 1 to December 31, 1954	70,544,920	
Received into Trunk Systems January 1 to December 31, 1954	209,097,383	279,642,303
Total oil accountable for period		286,582,489
Delivered from Gathering Systems January 1 to December 31, 1954	70,557,406	
Delivered from Trunk Systems January 1 to December 31, 1954	207,298,155	277,855,561
Balance to be accounted for at December 31, 1954		8,726,928
Oil consumed as fuel and losses		370,833
Balance on hand - December 31, 1954		8,356,095
Total Shippers Balances - December 31, 1954	(1) 8,037,012	
Total Carriers Balances - December 31, 1954	319,083	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cynnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
December, 1953	-	424,970	383,613
November, 1954	2,691,846	-	481,028
December, 1954	2,844,338	-	510,663

(1) Includes 118,476 barrels loaned to Trans-Mountain Oil Pipe Line Company for pipe line fill.

x Revised.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	DECEMBER 1954	x NOVEMBER 1954	DECEMBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	19,789,695	17,907,136	17,621,167	209,097,383
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	1,333,618	1,172,849	974,053	12,953,300
3. Other pipe lines - Gathering	2,903,861	2,431,284	2,358,205	28,401,479
4. Trunk	5,986,138	5,392,854	5,314,426	63,866,136
5. Net Received (6+7+8)	9,566,078	8,910,149	8,974,483	103,876,468
6. Originating on own trunk lines	4,919,278	4,366,510	4,182,748	50,152,007
7. Received from foreign pipe line connections	4,646,800	4,543,639	4,677,368	53,358,022
8. Received from other carriers (rail & truck)	-	-	114,367	366,439
9. Total Delivered * (10+11)	19,203,201	17,435,880	17,176,458	207,298,155
10. Less: Delivered to other Canadian trunk lines	4,227,512	3,675,115	3,648,465	44,663,401
11. Net Delivered (12+13+14)	14,975,689	13,760,765	13,527,993	162,634,754
12. Terminated on own trunk lines	11,391,855	10,813,050	10,318,226	126,877,609
13. Delivered to foreign pipe line connections	3,575,159	2,945,180	3,209,573	35,729,986
14. Delivered to other carriers (rail & truck)	8,675	2,535	194	27,159

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	DECEMBER 1954	x NOVEMBER 1954	DECEMBER 1953	YEAR TO DATE 1954
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	6,885,131	6,050,383	5,792,310	70,544,920
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	6,885,131	6,050,383	5,792,310	70,544,920
18. Originating on own gathering system	6,433,241	5,622,156	5,619,477	66,861,883
19. Received from other carriers (rail & truck)	451,890	428,227	172,833	3,683,037
20. Total Delivered * (21+22+23)	6,915,911	6,054,828	5,858,556	70,557,406
Less: Delivered to other pipe lines -				
21. Own Trunk system	1,333,618	1,172,849	974,053	12,953,300
22. Other pipe lines	4,632,844	4,117,279	4,012,944	47,742,925
23. Net Delivered (24+25)	949,449	764,700	871,559	9,861,181
24. Terminated on gathering systems	805,591	689,617	855,007	8,537,464
25. Delivered to other carriers (rail & truck)	143,858	75,083	16,552	1,323,717

† Includes natural gasoline and products.

* Includes duplications.

† Includes natural gasoline.

x Revised.

TABLE 2

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		DECEMBER	* NOVEMBER	DECEMBER	YEAR TO DATE
		1954	1954	1953	1954
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	6,497,121	5,743,804	5,792,310	67,888,820
"	- Trunk	1,787,520	1,449,048	1,511,332	17,735,868
Saskatchewan	- Gathering	123,214	81,918	-	629,526
"	- Trunk	-	-	5,365	1,942
Manitoba	- Gathering	264,796	224,661	-	2,026,574
"	- Trunk	-	-	109,002	344,889
Ontario (2)	- Trunk	2,078,455	1,765,536	1,469,019	19,263,145
Quebec (3)	- Trunk	5,700,103	5,695,565	5,879,765	66,530,619
Net Received	- Gathering	6,885,131	6,050,383	5,792,310	70,544,920
"	- Trunk	9,566,078	8,910,149	8,974,483	103,876,468
"	- Total	16,451,209	14,960,532	14,766,793	174,421,388

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		DECEMBER	* NOVEMBER	DECEMBER	YEAR TO DATE
		1954	1954	1953	1954
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,938,262	1,469,335	617,679	14,566,334
Alberta (1)	- Gathering	924,172	751,481	871,559	9,405,902
"	- Trunk	580,204	598,828	620,957	7,046,706
Saskatchewan	- Gathering	25,777	12,523	-	455,279
"	- Trunk	909,817	1,090,979	1,179,914	13,736,412
Manitoba	- Trunk	3,787,159	3,156,618	3,748,489	41,519,892
Ontario (2)	- Trunk	3,133,617	2,918,140	2,671,212	32,441,988
Quebec	- Trunk	4,626,630	4,526,865	4,689,742	53,323,422
Net Delivered	- Gathering	924,172	751,481	871,559	9,861,181
"	- Trunk	14,975,689	13,760,765	13,527,993	162,634,754
"	- Total	15,925,138	14,525,465	14,399,552	172,495,935
✓ Including exports to U.S.A. at Sumas, B.C.		321,919	349,827	-	953,403
✓ Including deliveries to U.S. pipe lines, Grtna, Man.		3,253,240	2,595,353	3,209,573	34,776,583

TABLE 5

OPERATING STATISTICS

		DECEMBER	* NOVEMBER	DECEMBER	YEAR TO DATE
		1954	1954	1953	1954
Barrels Handled - Daily Average					
Gathering Systems	Barrels	223,091	201,327	188,895	193,308
Trunk Lines	"	613,458	581,196	554,079	567,940
Total Barrel Miles (Trunk Lines)	Millions	5,981	5,063	5,956	61,912
Average Miles Per Barrel (Trunk Lines)	Miles	306.2	290.4	294.4	298.7
Employees and Earnings (6)					
Average Number (4)	No.	1,166	1,169	1,104	1,185
Total Salaries and Wages	\$	474,165	465,228	447,308	5,503,329
Man-Hours Worked by Wage Earners (5) (6)	Hours	53,808	48,431	52,949	621,700

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

December, 1954.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (December, 1954)	4,688,390	5,937,057	4,646,800	2,093,173	(2) 7,975,788	25,341,208
This year (12 months)	49,430,474	66,795,446	53,358,022	14,255,996	(3) 82,843,065	266,689,003
<u>Total Delivered out of System</u>						
This month (December, 1954)	4,686,445	5,635,005	4,626,630	1,938,262	(4) 7,899,152	24,785,494
This year (12 months)	49,417,386	64,913,394	53,323,422	14,566,437	(5) 82,681,622	264,902,261
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (December, 1954)	151,176	-	-	-	71,917	223,093
This year (12 months)	135,390	-	-	-	57,918	193,308
<u>Trunk Lines</u>						
This month (December, 1954)	-	181,774	149,246	62,525	225,913	619,458
This year (12 months)	-	177,845	146,091	39,787	204,217	567,940
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (December, 1954)	-	3,210	340	1,365	966	5,881
This year (12 months)	-	37,204	3,915	10,271	10,522	61,912
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (December, 1954)	-	570.0	73.1	704.0	137.9	306.2
This year (12 months)	-	573.0	73.1	708.0	141.2	298.7
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1954	930,894	4,200,082	474,043	1,564,273	(6) 2,584,428	9,753,720
Six Months ending June 30, 1954	1,837,802	8,572,413	930,621	2,954,144	(6) 5,175,189	19,470,169
Nine Months ending Sept. 30, 1954	2,933,275	13,045,971	1,312,147	4,745,563	(6) 8,190,604	x 30,227,560
Twelve Months ending Dec. 31, 1954	3,932,449	17,471,914	1,796,050	6,952,301	(6) 11,613,059	41,765,773
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	199	403	53	158	(7) 353	1,166
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (December, 1954)	77,138	169,792	20,146	74,851	(7) 132,238	474,165
This year (12 months)	902,308	1,998,178	224,940	944,604	(7) 1,433,299	5,503,329
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (December, 1954)	26,365	623	794	2,436	(7) 23,590	53,808
This year (12 months)	311,474	13,443	17,011	26,114	(7) 253,658	621,700

* Totals include duplication between companies.

(1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Nisku Products Pipe Line Company, Limited; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 3,162,365 bbls. products and 53,323 bbls. natural gasoline.

(3) Includes 32,693,710 bbls. products and 549,509 bbls. natural gasoline.

(4) Includes 3,170,510 bbls. products and 54,922 bbls. natural gasoline.

(5) Includes 32,704,378 bbls. products and 545,931 bbls. natural gasoline.

(6) Excludes Anglo American Exploration Co., Gibson Crude Oil Purchasing Co. and Sarnia Products Line.

(7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, and Nisku Products Pipe Line Company, Limited.

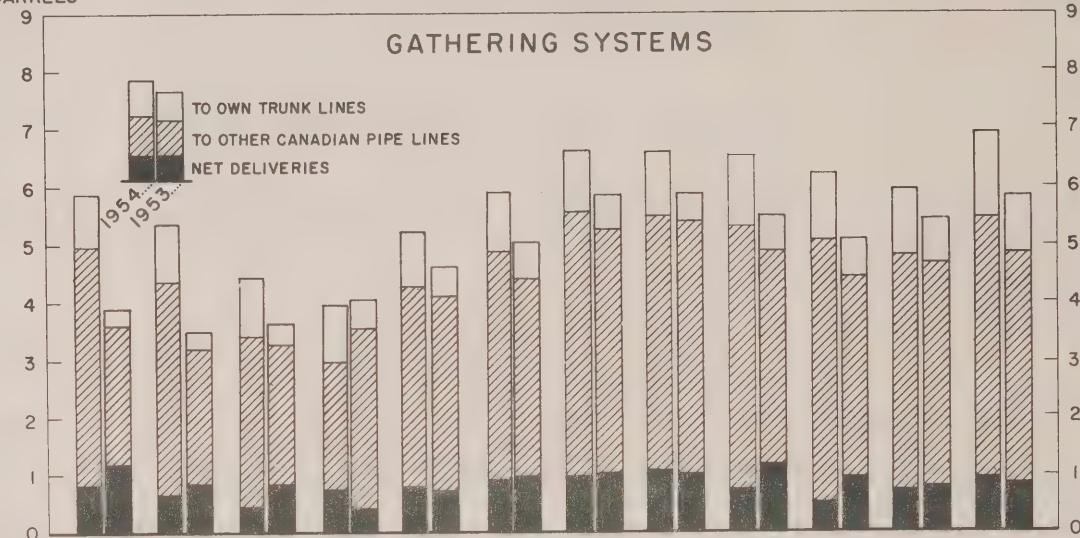
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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1953 AND 1954

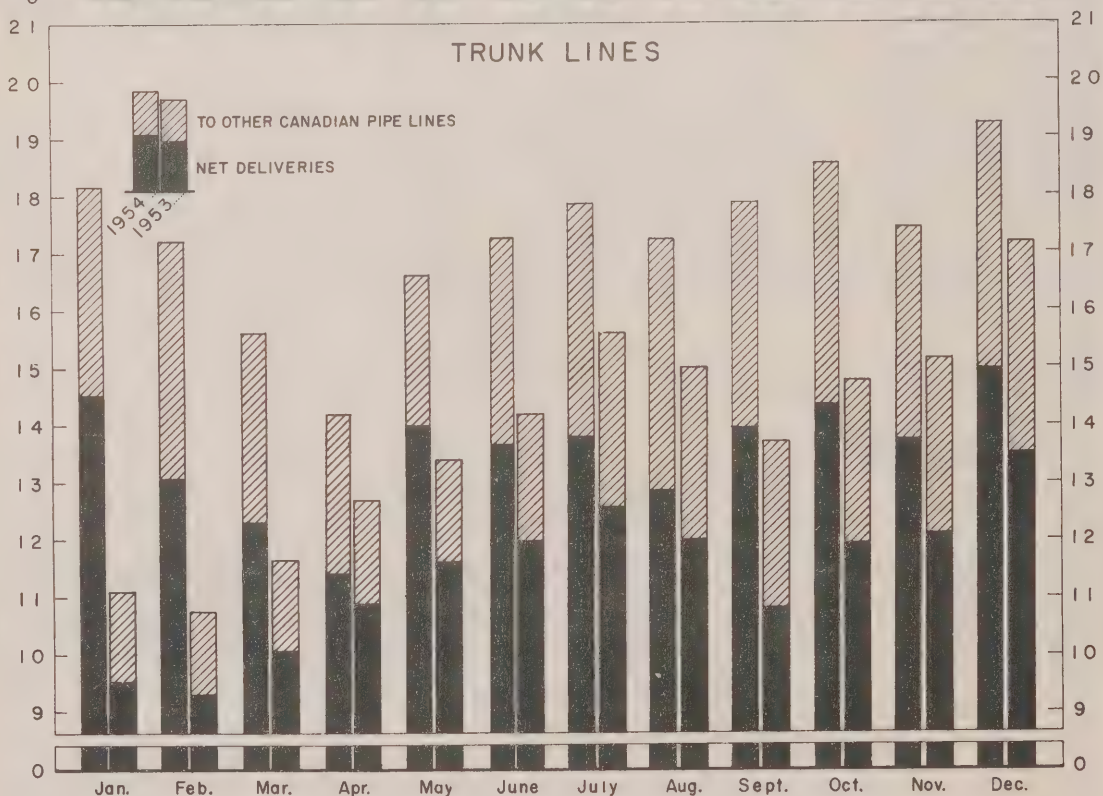
MILLION
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GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



1. 5, No. 1-12 PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

JANUARY, 1955

A record demand for oil in January brought net deliveries of Canadian pipe lines to a new high of 568,259 barrels per day, almost 55,000 barrels above the previous record of 513,714 in December and 15 p.c. above the daily average of 495,703 barrels in January, 1954. Total net deliveries for January amounted to 17,616,029 barrels compared with 15,513,138 in December, deliveries from gathering systems being up by 8 p.c., and from trunk lines by almost 11 p.c.

Compared with January, 1954, total net deliveries increased by 2,249,223 barrels. Provincial totals for the month were as follows (1954 data in brackets): British Columbia 176,000 barrels (939,868); Alberta 1,688,358 (1,418,191); Saskatchewan 1,036,936 (1,221,066); Manitoba 4,103,642 (3,911,760); Ontario 3,316,605 (2,837,248) and Quebec, 5,294,488 (5,038,013). British Columbia deliveries included 420,514 barrels (nil) exported to the United States. Manitoba deliveries included 3,516,636 barrels (3,368,596) which were delivered to the Lakehead Pipe Line Company at Gretna to be transported through United States territory and destined principally for refineries at Sarnia.

Net receipts for the month of January totalled 17,905,803 barrels compared with 15,451,209 in December and 15,430,460 in January last year. Included in the January receipts were 8,726,775 barrels of Alberta crude and 45,613 barrels of Alberta natural gasoline, 18,095 barrels of Saskatchewan crude, 262,877 of Manitoba crude, 5,307,524 of imported crude and 3,364,919 barrels of refinery products. Commencing with January one company operating in Alberta, which has been reporting as a trunk line only, is reporting the operations of its gathering and trunk lines separately. This accounts for the apparent drop in Alberta trunk line receipts and corresponding increase in gathering receipts.

Deliveries from both gathering and trunk lines attained new records. Gathering lines handled an average of 280,663 barrels per day, 26 p.c. above the previous record of 223,093 barrels delivered in December. Trunk lines averaged 685,319 barrels per day, almost 11 p.c. above December's average of 619,458. Barrel miles for January also reached a new high of 6,254 million compared with 5,881 million in December, the previous peak.

Compared with the previous month, there was a slight rise in the number of employees, but earnings dropped from \$474,165 in December to \$472,470.

Operations of two new pipe lines are included in this report. The Pembina Pipe Line, Ltd., presently operating some 50 miles of gathering system in the Pembina field and 10 miles of transmission line to Edmonton terminals, commenced deliveries on January 7. The Mid-Saskatchewan Pipe Line, Ltd. operating a gathering system in the Smiley and Eureka areas of Saskatchewan also commenced operations early in January.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable.

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Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during January, 1955 per table 6	27,284,841
Received into Trunk Lines from other Canadian Pipe Lines	9,379,038
"Net Received" into Canadian Pipe Line Systems	17,905,803
"Net Received" into Trunk Systems per table 1	9,103,551
"Net Received" into Gathering Systems per table 2	8,802,252
Total Delivered out of Systems - all companies - during January, 1955, per table 6	26,980,667
Delivered to other Canadian Pipe Lines	9,364,638
"Net Delivered" from Canadian Pipe Line Systems	17,616,029
"Net Delivered" from Trunk Systems per table 1	16,589,393
"Net Delivered" from Gathering Systems per table 2	1,026,636

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 1955.

	Barrels	Barrels
Total Shippers Balances - January 1, 1955	8,037,013	
Total Carriers Balances - January 1, 1955	378,440	8,415,453
Received into Gathering Systems during January 1955	8,802,252	
Received into Trunk Systems during January 1955	21,447,355	30,249,607
Total oil accountable for period		38,665,060
Delivered from Gathering Systems during January 1955	8,700,552	
Delivered from Trunk Systems during January 1955	21,244,881	29,945,433
Balance to be accounted for at January 31, 1955		8,719,627
Oil consumed as fuel and losses		33,026
Balance on hand - January 31, 1955		8,686,601
Total Shippers Balances - January 31, 1955	(1) 8,221,699	
Total Carriers Balances - January 31, 1955	464,902	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	The Buckeye Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels	Barrels
January, 1954	2,672,137	177,230	332,722
December, 1954	2,844,338	-	510,663
January, 1955	2,990,150	-	537,232

(1) Includes 118,476 barrels loaned to Trans-Mountain Oil Pipe Line Company for pipe line fill.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JANUARY 1955	DECEMBER 1954	JANUARY 1955	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	21,447,355	19,789,695	18,317,160	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	2,964,766	1,333,618	891,217	
3. Other pipe lines - Gathering	2,963,221	2,903,861	2,293,675	
4. Trunk	6,415,817	5,986,138	5,562,482	
5. <u>Net Received (6+7+8)</u>	9,103,551	8,565,578	9,569,186	
6. Originating on own trunk lines	3,796,027	4,919,278	4,427,042	
7. Received from foreign pipe line connections	5,307,524	4,646,800	5,046,584	
8. Received from other carriers (rail & truck)	-	-	96,160	
9. <u>Total Delivered * (10+11)</u>	21,244,881	19,203,201	18,244,302	
10. Less: Delivered to other Canadian trunk lines	4,655,488	4,227,512	3,692,784	
11. <u>Net Delivered (12+13+14)</u>	16,589,393	14,975,689	14,551,518	
12. Terminated on own trunk lines	12,631,568	11,391,855	11,182,922	
13. Delivered to foreign pipe line connections	3,937,150	3,583,834	3,368,596	
14. Delivered to other carriers (rail & truck)	20,675	8,675	-	

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JANUARY 1955	DECEMBER 1954	JANUARY 1955	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	8,802,252	6,885,131	5,860,674	
16. Less: Received from other gathering systems	-	-	-	
17. <u>Net Received (18+19)</u>	8,802,252	6,885,131	5,860,674	
18. Originating on own gathering system	8,257,426	5,433,241	5,798,264	
19. Received from other carriers (rail & truck)	544,826	451,890	152,410	
20. <u>Total Delivered * (21+22+23)</u>	8,700,552	6,915,911	5,875,827	
Less: Delivered to other pipe lines -				
21. Own Trunk system	2,964,766	1,333,618	891,217	
22. Other pipe lines	4,709,150	4,632,844	4,167,322	
23. <u>Net Delivered (24+25)</u>	1,026,636	949,449	817,288	
24. Terminated on gathering systems	829,191	505,591	717,589	
25. Delivered to other carriers (rail & truck)	197,445	443,858	97,699	

- * Includes natural gasoline and products.
- * Includes duplications.
- * Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		JANUARY 1 9 5 5	DECEMBER 1 9 5 4	JANUARY 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,341,280	6,497,121	5,860,674	
"	- Trunk	480,884	1,787,520	1,590,553	
Saskatchewan	- Gathering	198,095	123,214	-	
"	- Trunk	-	-	1,947	
Manitoba	- Gathering	262,877	264,796	-	
"	- Trunk	-	-	94,213	
Ontario (2)	- Trunk	2,215,712	2,078,455	1,551,505	
Quebec (3)	- Trunk	6,406,955	5,700,103	6,331,568	
Net Received	- Gathering	8,802,252	6,885,131	5,860,674	
"	- Trunk	9,103,551	9,566,078	9,569,786	
"	- Total	17,905,803	16,451,209	15,430,460	

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		JANUARY 1 9 5 5	DECEMBER 1 9 5 4	JANUARY 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,176,000	1,938,262	939,868	
Alberta (1)	- Gathering	1,012,355	924,172	815,288	
"	- Trunk	676,003	580,204	602,903	
Saskatchewan	- Gathering	14,281	25,277	-	
"	- Trunk	1,022,655	909,817	1,221,726	
Manitoba	- Trunk	4,103,642	3,787,159	3,911,760	
Ontario (2)	- Trunk	3,316,605	3,133,617	2,837,248	
Quebec	- Trunk	5,294,488	4,626,630	5,038,013	
Net Delivered	- Gathering	1,026,636	949,449	815,288	
"	- Trunk	16,589,393	14,975,689	14,551,518	
"	- Total	17,616,029	15,925,138	15,366,806	
Including exports to U.S.A. at Sumas, B.C.		420,514	321,919	-	
Including deliveries to U.S. pipe lines, Gretna, Man.		3,516,636	3,253,240	3,368,596	

TABLE 5

OPERATING STATISTICS

		JANUARY 1 9 5 5	DECEMBER 1 9 5 4	JANUARY 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	280,663	223,093	189,478	
Trunk Lines	"	685,319	619,458	588,525	
Total Barrel Miles (Trunk Lines)	Millions	6,254	5,881	5,478	
Average Miles Per Barrel (Trunk Lines)	Miles	294.4	306.2	300.2	
Employees and Earnings (6)					
Average Number (4)	No.	1,190	1,166	1,007	
Total Salaries and Wages	\$	472,470	474,165	433,051	
Man-Hours Worked by Wage Earners (5) (6)	Hours	50,728	53,808	49,713	

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

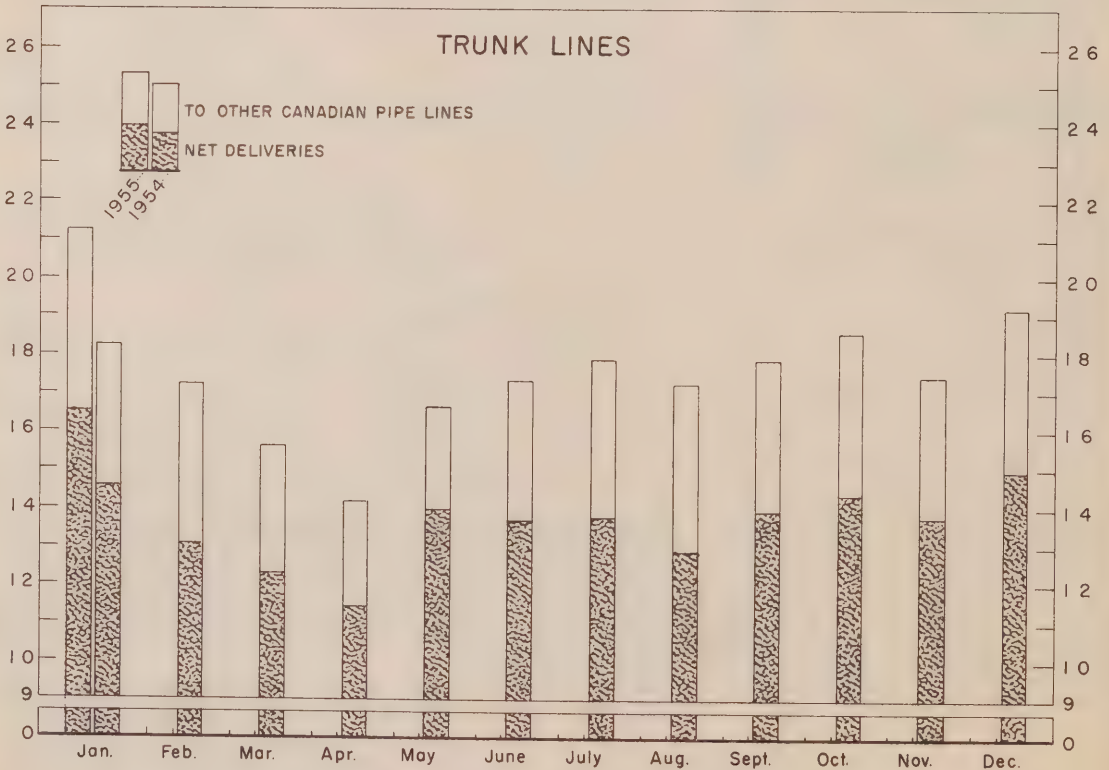
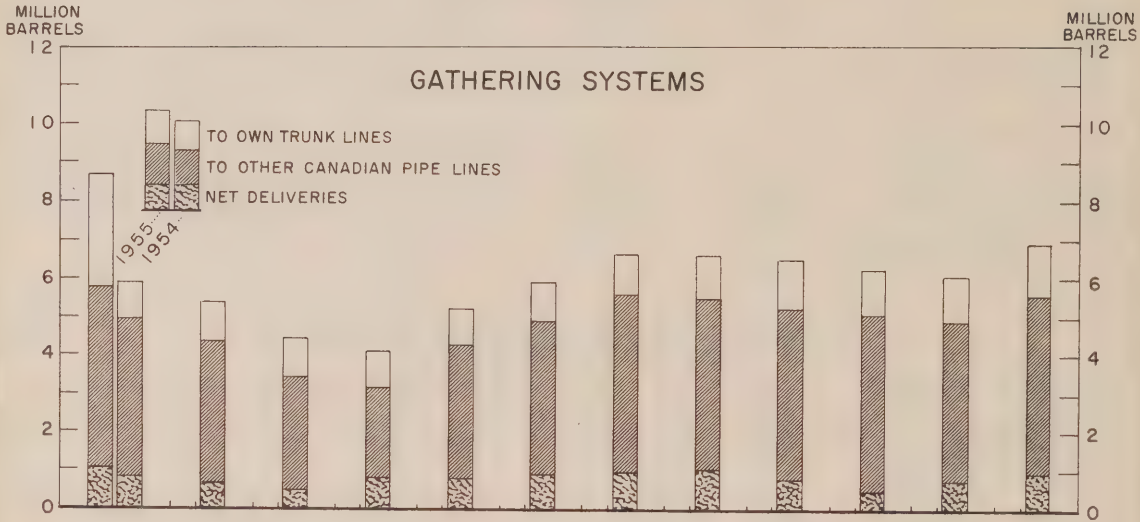
January, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>					(2)	
This month (January, 1955)	4,696,620	6,143,784	5,307,524	2,161,886	8,975,027	27,284,841
This year						
<u>Total Delivered out of System</u>					(3)	
This month (January, 1955)	4,706,979	6,123,102	5,294,488	2,176,000	8,680,098	26,980,667
This year						
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (January, 1955)	151,838	-	-	-	128,825	280,663
This year						
<u>Trunk Lines</u>						
This month (January, 1955)		197,519	170,789	70,194	246,817	685,319
This year						
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (January, 1955)	-	3,481	389	1,538	846	6,254
This year						
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (January, 1955)	-	569.0	73.5	707.0	110.6	294.4
This year						
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>		(4)	
Number of Employees (January, 1955)	194	380	50	156	410	1,190
<u>Salaries and Wages</u>			<u>Dollars</u>		(4)	
This month (January, 1955)	73,032	158,222	19,575	70,648	150,993	472,470
This year						
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>		(4)	
This month (January, 1955)	24,268	-	513	1,008	24,939	50,728
This year						

* Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,364,919 bbls. products and 45,613 bbls. natural gasoline.
- (3) Includes 3,366,232 bbls. products and 53,900 bbls. natural gasoline.
- (4) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 5, No. 2

PIPE LINES (OIL) STATISTICS

February 1955 - Dec 1954

Price: \$1.00 per year

Canadian pipe lines recorded a net delivery of 16,074,232 barrels of oil in February. This was a record output of 574,080 barrels per day compared with the previous high of 568,295 barrels in January and 492,019 in February, 1954. Compared with the previous year, total net deliveries increased by almost 17 p.c.

For the two months ended February 28 net deliveries amounted to 33,690,271 barrels compared with 29,186,248 in the same period last year, an increase of 15 p.c. Provincial totals for the first two months of the year were as follows (1954 data in brackets): British Columbia 4,019,492 barrels (2,007,103); Alberta 3,204,271 (2,745,236); Saskatchewan 2,137,813 (2,390,461); Manitoba 7,725,489 (7,054,230); Ontario 6,311,100 (5,431,771) and Quebec 10,292,106 (9,557,447). Manitoba deliveries included 6,534,860 barrels (5,984,074) transferred to the Lakehead Pipe Line Company at Gretna, destined principally to refineries at Sarnia, and 1,190,629 (1,070,156), delivered within the province. British Columbia deliveries included 843,277 barrels (nil) exported to the United States.

Net receipts for the month of February totalled 16,314,413 barrels, almost 14 p.c. above the 1954 figure of 14,327,977. Included in the month's receipts were 7,811,849 barrels of Alberta crude oil, 49,463 of Alberta natural gasoline, 230,073 of Saskatchewan crude, 252,458 of Manitoba crude, 4,943,055 of imported crude and 3,027,515 barrels of refinery products.

Gathering systems handled an average of 282,053 barrels per day during February compared with 280,663 in the previous month and 197,864 in February, 1954. Trunk lines handled 710,101 barrels per day against 685,319 in January and 614,763 in the previous year. Barrel miles dropped to 5,701 million from 6,254 in January, but were 18 p.c. above the 4,842 million recorded in February last year. The average haul also dropped from 294.4 miles in January to 286.7 in the month under review.

Employees numbered 1,198 and earned \$465,117 in February, 1955, compared with 1,149 employees earning \$432,449 in the corresponding month last year. Average earnings for the month were thus 3 p.c. above the February 1954 average.

It will be noted that the 1954 data shown in this report have been revised to include companies who were in operation but who did not report until later in the year.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

8504-508-25

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first two months of 1955, per table 6	52,315,303
Received into Trunk Lines from other Canadian Pipe Lines	18,095,087
"Net Received" into Canadian Pipe Line Systems	34,220,216
"Net Received" into Trunk Systems per table 1	17,501,090
"Net Received" into Gathering Systems per table 2	16,719,126
Total Delivered out of Systems - all companies - during first two months of 1955, per table 6	51,763,330
Delivered to other Canadian Pipe Lines	18,073,059
"Net Delivered" from Canadian Pipe Line Systems	33,690,271
"Net Delivered" from Trunk Systems per table 1	31,754,487
"Net Delivered" from Gathering Systems per table 2	1,935,784

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for February and are given herewith:

OIL BALANCE - ALL COMPANIES - FEBRUARY, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,037,013	
Total Carriers Balances - January 1, 1955	378,440	8,415,453
Received into Gathering Systems January 1, to February 28, 1955	16,719,126	
Received into Trunk Systems January 1, to February 28, 1955	41,558,618	58,277,744
Total oil accountable for period		66,693,197
Delivered from Gathering Systems January 1, to February 28, 1955	16,598,042	
Delivered from Trunk Systems January 1, to February 28, 1955	41,127,729	57,725,771
Balance to be accounted for at February 28, 1955		8,967,426
Oil consumed as fuel and losses		33,989
Balance on hand - February 28, 1955		8,933,437
Total Shippers Balances - February 28, 1955	8,501,249	
Total Carriers Balances - February 28, 1955	432,188	

With the completion of Interprovincial's extension to Sarnia, the Transit and Storage Company's line from Cygnet, Ohio, to Sarnia was no longer needed and this line was sold to the Buckeye Pipe Line Company in November, 1953. This company ceased making deliveries to Canada in January, 1954, leaving only two lines operating across the St. Clair river from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
February, 1954	2,636,741	314,814
January, 1955	2,990,150	537,232
February, 1955	2,539,991	462,837

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	February 1 9 5 5	January 1 9 5 5	February 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>				
Less: Received from other Canadian pipe lines -	20,111,263	21,447,355	17,648,830	41,558,618
2. Own Gathering System	2,997,675	2,964,766	1,010,900	5,962,441
3. Other pipe lines - Gathering	2,594,924	2,963,221	2,093,977	5,558,145
4. Trunk	6,121,125	6,415,817	5,766,205	12,536,942
5. <u>Net Received (6+7+8)</u>	8,397,539	9,103,551	8,777,748	17,501,090
6. Originating on own trunk lines	3,406,613	3,796,027	4,121,838	7,202,640
7. Received from foreign pipe line connections	4,943,055	5,307,524	4,533,971	10,250,579
8. Received from other carriers (rail & truck)	47,871	-	121,939	47,871
9. <u>Total Delivered * (10+11)</u>	19,882,848	21,244,881	17,213,352	41,127,729
10. Less: Delivered to other Canadian trunk lines	4,717,754	4,655,488	4,142,397	9,373,242
11. <u>Net Delivered (12+13+14)</u>	15,165,094	16,589,393	13,070,955	31,754,487
12. Terminated on own trunk lines	11,711,599	12,631,568	10,455,477	24,343,167
13. Delivered to foreign pipe line connections	3,440,987	3,937,150	2,615,478	7,378,137
14. Delivered to other carriers (rail & truck)	12,508	20,675	-	33,183

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	7,916,874	8,802,252	5,550,229	16,719,126
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	7,916,874	8,802,252	5,550,229	16,719,126
18. Originating on own gathering system	7,525,448	8,257,426	5,318,436	15,782,874
19. Received from other carriers (rail & truck)	391,426	544,826	231,793	936,252
20. <u>Total Delivered * (21+22+23)</u>	7,897,490	8,700,552	5,540,193	16,598,042
Less: Delivered to other pipe lines -				
21. Own Trunk system	2,997,675	2,964,766	1,010,900	5,962,441
22. Other pipe lines	3,990,667	4,709,150	3,823,721	8,699,817
23. <u>Net Delivered (24+25)</u>	909,148	1,026,636	705,572	1,935,784
24. Terminated on gathering systems	778,538	829,290	668,775	1,607,828
25. Delivered to other carriers (rail & truck)	130,610	197,346	36,797	327,956

¹ Includes natural gasoline and products.

* Includes duplications.

¹ Includes natural gasoline.

X Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,434,343	8,341,280	5,407,207	15,775,623
"	- Trunk	463,487	480,884	1,527,592	944,371
Saskatchewan	- Gathering	230,073	198,095	21,048	428,168
"	- Trunk	-	-	-	-
Manitoba	- Gathering	252,458	262,877	121,974	515,335
"	- Trunk	-	-	121,939	-
Ontario (2)	- Trunk	1,874,582	2,215,712	1,512,353	4,090,294
Quebec (3)	- Trunk	6,059,470	6,406,955	5,615,864	12,466,425
Net Received	- Gathering	7,916,874	8,802,252	5,550,229	16,719,126
" "	- Trunk	8,397,539	9,103,551	8,777,748	17,501,090
" "	- Total	16,314,413	17,905,803	14,327,977	34,220,216

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,843,492	2,176,000	1,067,235	4,019,492
Alberta (1)	- Gathering	906,682	1,012,355	683,271	1,919,037
"	- Trunk	609,231	676,003	613,268	1,285,234
Saskatchewan	- Gathering	2,466	14,281	22,301	16,747
"	- Trunk	1,098,411	1,022,655	1,134,025	2,121,066
Manitoba	- Trunk	3,621,847	4,103,642	3,142,470	7,725,489
Ontario (2)	- Trunk	2,994,495	3,316,605	2,594,523	6,311,100
Quebec	- Trunk	4,997,618	5,294,488	4,519,434	10,292,106
Net Delivered	- Gathering	909,148	1,026,636	705,572	1,935,784
" "	- Trunk	15,165,094	16,589,393	13,070,955	31,754,487
" "	- Total	16,074,232	17,616,029	13,776,527	33,690,271
✂ Including exports to U.S.A. at Sumas, B.C.		422,763	420,514	-	843,277
✂ Including deliveries to U.S. pipe lines, Gretna, Man.		3,018,224	3,516,636	2,615,478	6,534,860

TABLE 5

OPERATING STATISTICS

		February 1 9 5 5	January 1 9 5 5	X February 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	282,053	280,663	197,864	281,322
Trunk Lines	"	710,101	685,319	614,763	698,416
Total Barrel Miles (Trunk Lines)	Millions	5,701	6,254	4,842	12,035
Average Miles Per Barrel (Trunk Lines)	Miles	286.7	294.4	281.3	292.0
Employees and Earnings (6)					
Average Number (4)	No.	1,198	1,190	1,149	1,194
Total Salaries and Wages	\$	465,117	472,472	432,449	937,589
Man-Hours Worked by Wage Earners (5) (6)	Hours	48,901	50,728	44,019	99,629

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

X Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

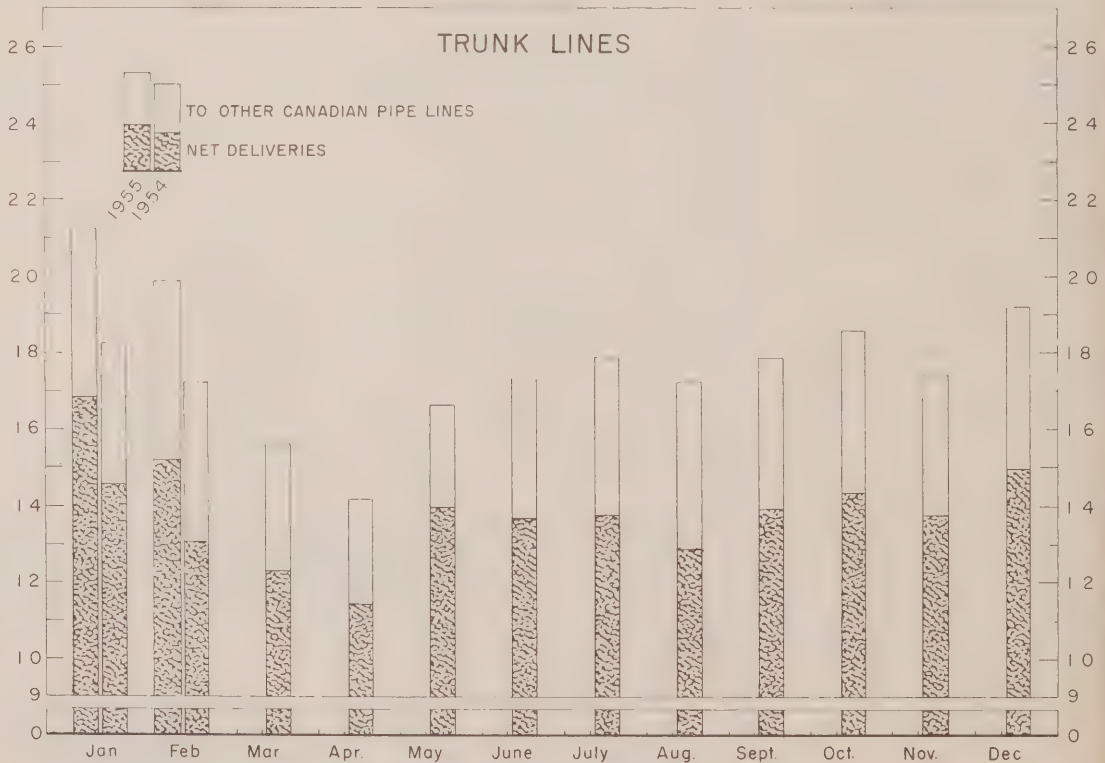
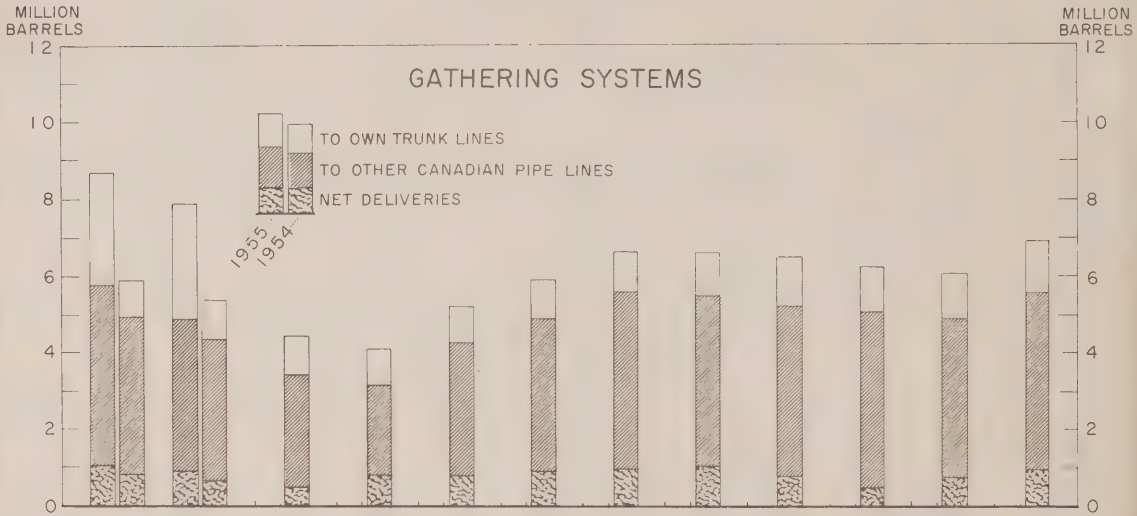
February, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*						
<u>Total Received into System</u>			<u>Barrels</u>			
This month (February, 1955)	3,968,409	5,492,363	4,943,055	2,152,000	(2) 8,474,635	25,030,462
This year (2 months)	8,665,029	11,636,147	10,250,579	4,313,886	(3) 17,449,662	52,315,303
<u>Total Delivered out of System</u>						
This month (February, 1955)	3,982,620	5,420,266	4,997,618	1,843,492	(4) 8,538,667	24,782,663
This year (2 months)	8,689,599	11,543,368	10,292,106	4,019,492	(5) 17,218,765	51,763,330
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1955)	142,236	-	-	-	139,817	282,053
This year (2 months)	147,281	-	-	-	134,041	281,322
<u>Trunk Lines</u>						
This month (February, 1955)		193,581	178,486	65,839	272,195	710,101
This year (2 months)		195,650	174,442	68,127	260,197	698,416
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (February, 1955)	-	3,118	367	1,305	911	5,701
This year (2 months)	-	6,599	757	2,843	1,836	12,035
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (February, 1955)		575.0	73.6	705.0	119.5	286.7
This year (2 months)		572.0	73.6	707.0	119.6	292.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	188	382	50	154	(6) 424	1,198
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1955)	65,712	159,439	19,290	68,910	(6) 151,766	465,117
This year (2 months)	138,745	317,661	38,865	139,558	(6) 302,760	937,589
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1955)	21,651	270	585	680	(6) 25,715	48,901
This year (2 months)	45,919	270	1,098	1,688	(6) 50,654	99,629

* Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,027,515 bbls. products and 49,463 bbls. natural gasoline.
- (3) Includes 6,392,434 bbls. products and 105,076 bbls. natural gasoline.
- (4) Includes 3,031,257 bbls. products and 44,636 bbls. natural gasoline.
- (5) Includes 6,397,489 bbls. products and 98,536 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



The amount of oil carried by Canadian pipe lines reached a new peak in March with a net delivery of 18,561,758 barrels. This was an average of 598,766 barrels per day compared with 576,678 $\frac{1}{2}$ barrels in February and 413,445 in March, 1954, an increase of 45 p.c. over the previous year.

Net deliveries during the first quarter of 1955 amounted to 52,403,634 barrels as compared with 42,003,041 $\frac{1}{2}$ in the same period last year, an increase of 25 p.c. Provincial deliveries for the first three months of the year were as follows, (1954 data in brackets): British Columbia 6,342,778 barrels (3,230,826); Alberta 4,665,600 (3,934,901 $\frac{1}{2}$); Saskatchewan 3,619,767 (3,301,164 $\frac{1}{2}$); Manitoba 11,999,092 (9,236,754); Ontario, 9,789,575 (7,937,651) and Quebec 15,986,822 (14,361,745). Included in Manitoba deliveries were 10,244,879 barrels (7,589,178) transferred to the Lakehead Pipe Line Company at Gretna, destined principally to refineries at Sarnia and 1,754,213 barrels (1,647,576) delivered within the province. Oil exported to the United States via the Trans Mountain Pipe Line during this period amounted to 1,695,220 barrels. No oil was exported by this company prior to October 1954.

Net receipts for March showed an increase over the previous year of 38 p.c. totalling 18,142,315 barrels as against 13,104,068 in 1954. Included in the month's receipts were 8,337,938 barrels of Alberta crude, 57,223 of Alberta natural gasoline, 208,515 of Saskatchewan crude, 308,224 of Manitoba crude, 5,712,350 of imported crude and 3,518,065 barrels of refinery products.

Trunk lines handled an average of 733,422 barrels per day compared with 710,101 in February and 503,484 in March 1954, an increase of 46 p.c. over the previous year. Gathering lines dropped from a daily average of 281,068 barrels in February to 264,480 in March. Barrel miles rose to a new high of 6,748 million from 5,701 in February and 3,977 in March last year. The average length of haul also was up from 286.7 in February to 296.8 in the month under review. Employment showed little change.

Operating revenues for the three months ended March 31st amounted to \$12,870,357, an increase of 32 p.c. over revenues of \$9,753,720 $\frac{1}{2}$ earned in the first quarter of 1954.

Data for the Key Pipe Line Company, Ltd. carrying oil from the Wapella and Dollard fields of Saskatchewan are included for the first time in this report.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

04-508-35

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first three months of 1955, per table 6	79,975,649
Received into Trunk Lines from other Canadian Pipe Lines	27,458,866
"Net Received" into Canadian Pipe Line Systems	52,516,783
"Net Received" into Trunk Systems per table 1	27,718,090
"Net Received" into Gathering Systems per table 2	24,798,693
Total Delivered out of Systems - all companies - during first three months of 1955, per table 6	79,843,503
Delivered to other Canadian Pipe Lines	27,439,869
"Net Delivered" from Canadian Pipe Line Systems	52,403,634
"Net Delivered" from Trunk Systems per table 1	49,530,876
"Net Delivered" from Gathering Systems per table 2	2,872,758

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1955

	Barrels
Total Shippers Balances - January 1, 1955	8,041,597*
Total Carriers Balances - January 1, 1955	379,397*
Received into Gathering Systems January 1 to March 31, 1955	24,798,693
Received into Trunk Systems January 1 to March 31, 1955	63,949,337
Total oil accountable for period	97,169,024
Delivered from Gathering Systems January 1 to March 31, 1955	24,752,076
Delivered from Trunk Systems January 1 to March 31, 1955	63,863,808
Balance to be accounted for at March 31, 1955	8,553,140
Oil consumed as fuel and losses	44,716
Balance on hand - March 31, 1955	8,508,424
Total Shippers Balances - March 31, 1955	8,007,914
Total Carriers Balances - March 31, 1955	500,510

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
March, 1954	2,273,928	390,662
February, 1955	2,539,991	462,837
March, 1955	2,108,097	480,461

* Revised to include Key Pipe Line Company, Ltd.

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	MARCH 1 9 5 5	FEBRUARY ^X 1 9 5 5	MARCH 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	22,313,352	20,153,761	15,735,155	63,949,337
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,006,404	2,897,335	1,005,234	8,772,381
3. Other pipe lines - Gathering	2,687,312	2,594,924	1,521,777	8,245,457
4. Trunk	6,676,467	6,121,125	4,760,335	19,213,409
5. Net Received (6+7+8)	9,943,169	8,540,377	8,447,809	27,718,090
6. Originating on own trunk lines	3,941,418	3,406,613	3,505,816	11,144,058
7. Received from foreign pipe line connections	5,712,350	4,943,055	4,813,256	15,962,929
8. Received from other carriers (rail & truck)	289,401	190,709	128,737	611,103
9. Total Delivered * (10+11)	22,736,079	19,882,848	15,608,011	63,863,808
10. Less: Delivered to other Canadian trunk lines	4,959,690	4,717,754	3,305,192	14,332,932
11. Net Delivered (12+13+14)	17,776,389	15,165,094	12,302,819	49,530,876
12. Terminated on own trunk lines	13,197,717	11,711,599	10,697,715	37,540,884
13. Delivered to foreign pipe line connections	4,561,962	3,440,987	1,605,104	11,940,099
14. Delivered to other carriers (rail & truck)	16,710	12,508	-	49,893

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	MARCH 1 9 5 5	FEBRUARY ^X 1 9 5 5	MARCH ^X 1 9 5 4	YEAR TO DATE 1 9 5 5
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	8,199,146	7,842,579	4,656,259	24,798,693
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	8,199,146	7,842,579	4,656,259	24,798,693
18. Originating on own gathering system	7,925,947	7,593,991	4,399,697	23,863,073
19. Received from other carriers (rail & truck)	273,199	248,588	256,562	935,620
20. Total Delivered * (21+22+23)	8,198,893	7,869,904	4,596,670	24,752,076
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,006,404	2,897,335	1,005,234	8,772,381
22. Other pipe lines	4,407,120	3,990,667	3,077,462	13,106,937
23. Net Delivered (24+25)	785,369	981,902	513,974	2,872,758
24. Terminated on gathering systems	592,912	778,538	468,651	2,200,740
25. Delivered to other carriers (rail & truck)	192,457	203,364	45,323	672,018

✓ Includes natural gasoline and products.

* Includes duplications.

✓ Includes natural gasoline.

X Revised.

TABLE 2

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		MARCH 1 9 5 5	FEBRUARY ^X 1 9 5 5	MARCH ^X 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,682,407	7,291,505	4,499,955	23,184,199
"	- Trunk	753,591	606,325	959,484	1,971,793
Saskatchewan	- Gathering	208,515	298,616	27,711	790,935
"	- Trunk	-	-	-	-
Manitoba	- Gathering	308,224	252,458	128,593	823,559
"	- Trunk	-	-	128,737	-
Ontario (2)	- Trunk	2,191,439	1,874,582	1,466,767	6,281,733
Quebec (3)	- Trunk	6,998,139	6,059,470	5,892,821	19,464,564
Net Received	- Gathering	8,199,146	7,842,579	4,656,259	24,798,693
" "	- Trunk	9,943,169	8,540,377	8,447,809	27,718,090
" "	- Total	18,142,315	16,382,956	13,104,068	52,516,783

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		MARCH 1 9 5 5	FEBRUARY ^X 1 9 5 5	MARCH ^X 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,323,286	1,843,492	1,223,723	6,342,778
Alberta (1)	- Gathering	730,318	906,682	490,628	2,649,355
"	- Trunk	731,011	609,231	699,037	2,016,245
Saskatchewan	- Gathering	55,051	75,220	23,346	223,403
"	- Trunk	1,275,298	1,098,411	887,357	3,396,364
Manitoba	- Trunk	4,273,603	3,621,847	2,182,524	11,999,092
Ontario (2)	- Trunk	3,478,475	2,994,495	2,505,880	9,789,575
Quebec	- Trunk	5,694,716	4,997,618	4,804,298	15,986,822
Net Delivered	- Gathering	785,369	981,902	513,974	2,872,758
" "	- Trunk	17,776,389	15,165,094	12,302,819	49,530,876
" "	- Total	18,561,758	16,146,996	12,816,793	52,403,634
Including exports to U.S.A. at Sumas, B.C.		851,943	422,763	-	1,695,220
Including deliveries to U.S. pipe lines, Grtna, Man.		3,710,019	3,018,224	1,605,104	10,244,879

TABLE 5

OPERATING STATISTICS

		MARCH 1 9 5 5	FEBRUARY ^X 1 9 5 5	MARCH ^X 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	264,480	281,068	148,280	275,023
Trunk Lines	"	733,422	710,101	503,484	709,598
Total Barrel Miles (Trunk Lines)	Millions	6,748	5,701	3,977	18,783
Average Miles Per Barrel (Trunk Lines)	Miles	296.8	286.7	256.1	294.1
Employees and Earnings (6)					
Average Number (4)	No.	1,208	1,198	1,203	1,199
Total Salaries and Wages	\$	474,394	465,117	451,308	1,411,983
Man-Hours Worked by Wage Earners (5) (6)	Hours	53,871	48,901	55,506	153,500

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line, Key Pipe Line Co., Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

X Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

MARCH, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (March, 1955)	4,128,307	6,238,659	5,712,350	2,102,799	9,323,979 (2)	27,506,094
This year (3 months)	12,793,336	17,874,806	15,962,929	6,416,685	26,927,893 (3)	79,975,649
<u>Total Delivered out of System</u>						
This month (March, 1955)	4,136,018	6,377,152	5,694,716	2,323,286	9,397,396 (4)	27,928,568
This year (3 months)	12,825,617	17,920,520	15,986,822	6,342,778	26,767,766 (5)	79,843,503
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (March, 1955)	133,420	-	-	-	131,060	264,480
This year (3 months)	142,507	-	-	-	132,516	275,023
<u>Trunk Lines</u>						
This month (March, 1955)	-	205,715	183,701	74,945	269,061	733,422
This year (3 months)	-	199,117	177,631	70,475	262,375	709,598
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (March, 1955)	-	3,667	419	1,621	1,041	6,748
This year (3 months)	-	10,226	1,175	4,464	2,918	18,783
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (March, 1955)		575.0	73.5	698.0	124.9	296.8
This year (3 months)		573.0	73.5	704.0	121.9	294.1
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,813	4,045,065 (7)	12,870,357
Six Months ending June 30, 1955						
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	188	384	50	153	433 (6)	1,208
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (March, 1955)	68,793	156,517	18,879	69,350	160,855 (6)	474,394
This year (3 months)	207,538	474,178	57,744	208,908	463,615 (6)	1,411,983
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (March, 1955)	23,463	199	584	798	28,827 (6)	53,871
This year (3 months)	69,382	469	1,682	2,486	79,481 (6)	153,500

Totals include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

Includes 3,518,065 bbls. products and 57,223 bbls. natural gasoline.

Includes 9,910,499 bbls. products and 162,299 bbls. natural gasoline.

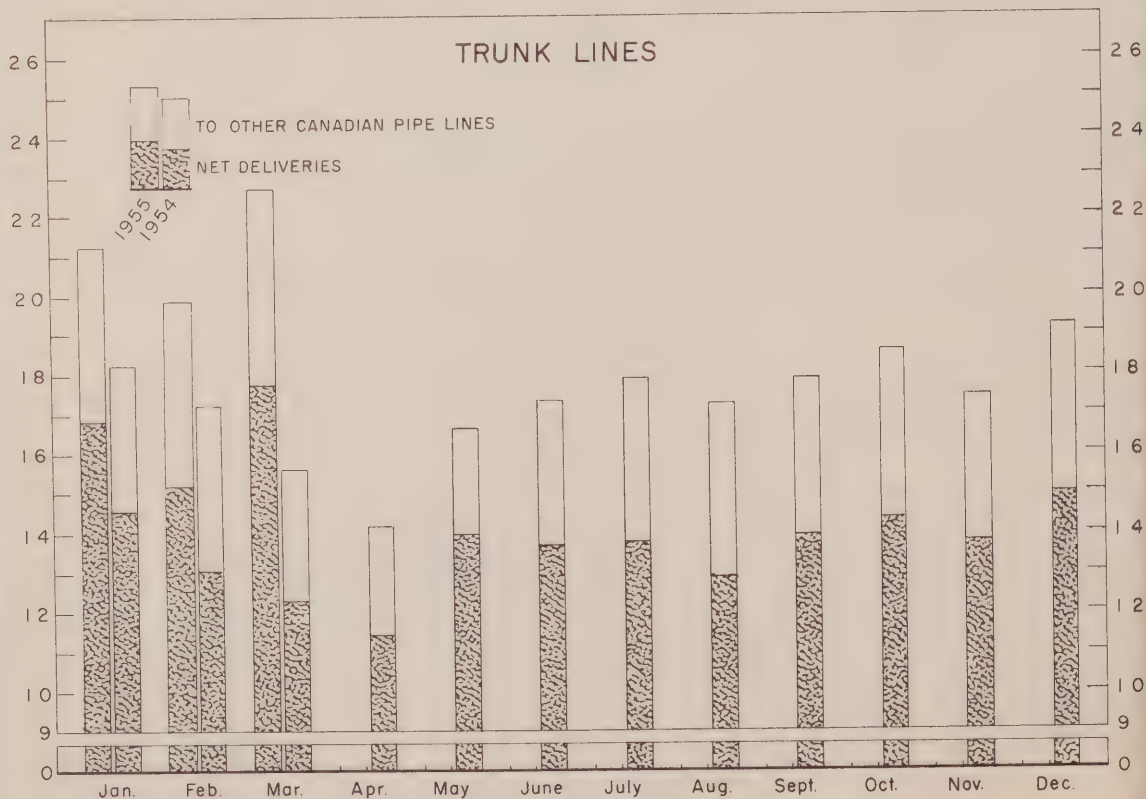
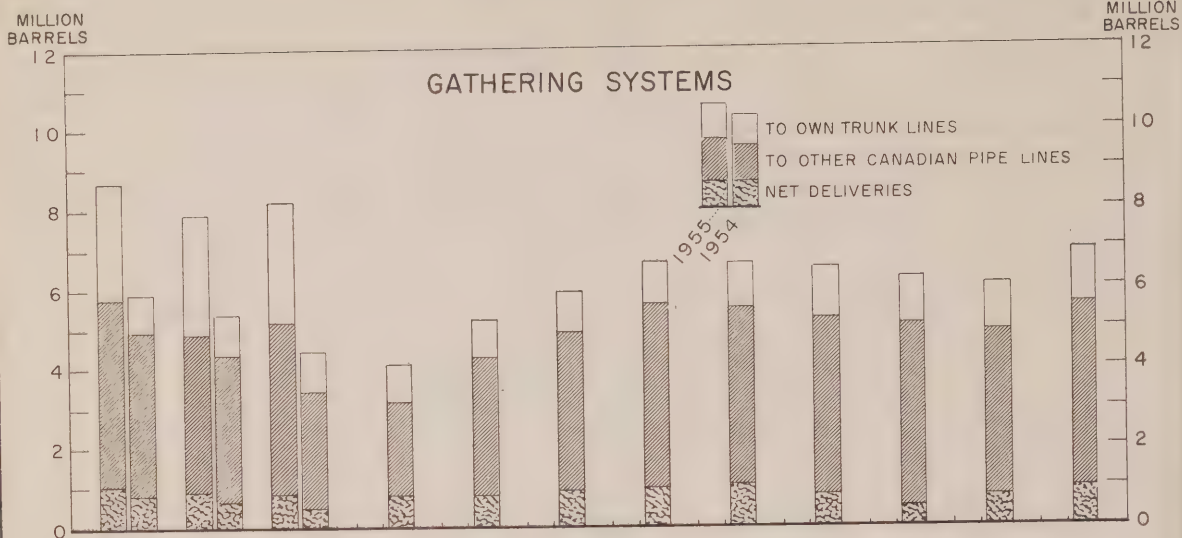
Includes 3,519,349 bbls. products and 59,311 bbls. natural gasoline.

Includes 9,916,838 bbls. products and 157,847 bbls. natural gasoline.

Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

Excludes Anglo American Exploration Co., Gibson Crude Oil Purchasing Co., Key Pipe Line Co. Ltd. and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 5, No. 4

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

APRIL, 1955

Due to a decreased demand for crude oil all major pipe lines in Canada reported lower deliveries for April. Net deliveries for the month amounted to 15,818,889 barrels, or an average of 527,296 barrels per day. This was a drop of 12 p.c. from the March average of 598,766 barrels but 29 p.c. above the daily average of 406,887 barrels delivered in April last year.

Net deliveries for the four months ended April 30 amounted to 68,222,523 barrels, 26 p.c. above deliveries of 54,223,658* recorded in the same period of 1954. Of this total, refinery products accounted for 13,225,551 barrels, as against 10,503,483 in 1954. Provincial deliveries for the first four months were as follows, (1954 data in brackets): British Columbia, 8,618,407 barrels (4,053,787); Alberta 5,679,030 (5,142,027); Saskatchewan 4,888,321 (4,110,900); Manitoba 14,697,209 (11,561,245); Ontario 13,050,471 (10,503,483); and Quebec 21,289,085 (18,852,216). Included in the Manitoba deliveries were 12,332,159 barrels (9,370,462) transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States, principally destined to refineries at Sarnia.

Net receipts for the month of April totalled 15,733,202 barrels, down 13 p.c. from March receipts of 18,142,315. Included in the April receipts were 6,508,027 barrels of Alberta crude, 48,664 of Alberta natural gasoline, 247,710 of Saskatchewan crude, 205,726 of Manitoba crude, 5,328,382 of imported crude and 3,394,693 barrels of refinery products.

Gathering systems handled an average of 219,163 barrels per day in April compared with 264,480 in March, down by some 45,000 barrels per day. Trunk lines fell off by 86,484 barrels per day with an average delivery of 646,938 barrels in April against 733,422 in March. Barrel miles at 5,423 million were down by 19.6 p.c. and the average length of haul fell from 296.8 miles in March to 279.4.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

* Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-45

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first four months of 1955, per table 6	103,261,744
Received into Trunk Lines from other Canadian Pipe Lines	35,011,759
"Net Received" into Canadian Pipe Line Systems	68,249,985
"Net Received" into Trunk Systems per table 1	36,857,096
"Net Received" into Gathering Systems per table 2	31,392,889
 Total Delivered out of Systems - all companies -	
during first four months of 1955, per table 6	103,378,934
Delivered to other Canadian Pipe Lines	35,156,411
"Net Delivered" from Canadian Pipe Line Systems	68,222,523
"Net Delivered" from Trunk Systems per table 1	64,687,050
"Net Delivered" from Gathering Systems per table 2	3,535,473

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to April 30, 1955	31,392,889	
Received into Trunk Systems January 1 to April 30, 1955	83,088,831	114,481,720
 Total oil accountable for period		122,902,714
Delivered from Gathering Systems January 1 to April 30, 1955	31,326,960	
Delivered from Trunk Systems January 1 to April 30, 1955	83,271,950	114,598,910
 Balance to be accounted for at April 30, 1955		8,303,804
Oil consumed as fuel and losses		29,441
Balance on hand - April 30, 1955		8,274,363
Total Shippers Balances - April 30, 1955	7,740,578	
Total Carriers Balances - April 30, 1955	533,785	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial	Sun Pipe Line
	Pipe Line Company	Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
April, 1954	2,081,025	390,622
March, 1955	2,108,097	480,461
April, 1955	2,105,173	428,816

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	APRIL 1955	MARCH 1955	^x APRIL 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	19,139,494	22,313,352	14,021,611	83,088,831
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	2,447,595	3,006,404	958,208	11,219,976
3. Other pipe lines - Gathering	2,028,960	2,687,312	1,402,494	10,274,417
4. Trunk	5,523,933	6,676,467	3,768,651	24,737,342
5. <u>Net Received (6+7+8)</u>	9,139,006	9,943,169	7,892,258	36,857,096
6. Originating on own trunk lines	3,796,815	3,941,418	3,356,195	14,940,873
7. Received from foreign pipe line connections	5,328,382	5,712,350	4,516,460	21,291,311
8. Received from other carriers (rail & truck)	13,809	289,401	19,603	624,912
9. <u>Total Delivered * (10+11)</u>	19,408,142	22,736,079	14,202,494	83,271,950
10. Less: Delivered to other Canadian trunk lines	4,251,968	4,959,690	2,787,167	18,584,900
11. <u>Net Delivered (12+13+14)</u>	15,156,174	17,776,389	11,415,327	64,687,050
12. Terminated on own trunk lines	12,268,591	13,197,717	9,634,043	49,809,475
13. Delivered to foreign pipe line connections	2,863,304	4,561,962	1,781,284	14,803,403
14. Delivered to other carriers (rail & truck)	24,279	16,710	-	74,172

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	APRIL 1955	MARCH 1955	^x APRIL 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	6,594,196	8,199,146	4,046,499	31,392,889
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	6,594,196	8,199,146	4,046,499	31,392,889
18. Originating on own gathering system	6,569,583	7,925,947	3,802,284	30,432,656
19. Received from other carriers (rail & truck)	24,613	273,199	244,215	960,233
20. <u>Total Delivered * (21+22+23)</u>	6,574,884	8,198,893	4,130,587	31,326,960
Less: Delivered to other pipe lines -				
21. Own Trunk system	2,447,595	3,006,404	958,208	11,219,976
22. Other pipe lines	3,464,574	4,407,120	2,367,089	16,571,511
23. <u>Net Delivered (24+25)</u>	662,715	785,369	805,290	3,535,473
24. Terminated on gathering systems	471,553	592,912	762,033	2,672,293
25. Delivered to other carriers (rail & truck)	191,162	192,457	43,257	863,180

† Includes natural gasoline and products.

* Includes duplications.

‡ Includes natural gasoline.

x Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		APRIL 1 9 5 5	MARCH 1 9 5 5	* APRIL 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	6,140,760	7,682,407	3,892,085	29,324,959
"	- Trunk	463,501	753,591	811,253	2,435,294
Saskatchewan	- Gathering	247,710	208,515	22,210	1,038,645
"	- Trunk	-	-	-	-
Manitoba	- Gathering	205,726	308,224	132,204	1,029,285
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,099,846	2,191,439	1,513,776	8,381,579
Quebec (3)	- Trunk	6,575,659	6,998,139	5,567,229	26,040,223
Net Received	- Gathering	6,594,196	8,199,146	4,046,499	31,392,889
" "	- Trunk	9,139,006	9,943,169	7,892,258	36,857,096
" "	- Total	15,733,202	18,142,315	11,938,757	68,249,985

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		APRIL 1 9 5 5	MARCH 1 9 5 5	* APRIL 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,275,629	2,323,286	822,961	8,618,407
Alberta (1)	- Gathering	608,241	730,318	786,345	3,257,596
"	- Trunk	405,189	731,011	420,781	2,421,434
Saskatchewan	- Gathering	54,474	55,051	18,945	277,877
"	- Trunk	1,214,080	1,275,298	790,791	4,610,444
Manitoba	- Trunk	2,698,117	4,273,603	2,324,491	14,697,209
Ontario (2)	- Trunk	3,260,896	3,478,475	2,565,832	13,050,471
Quebec	- Trunk	5,302,263	5,694,716	4,490,471	21,282,085
Net Delivered	- Gathering	662,715	785,369	805,290	3,535,473
" "	- Trunk	15,156,174	17,776,389	11,415,327	64,687,050
" "	- Total	15,818,889	18,561,758	12,206,617	68,222,523
✶	Including exports to U.S.A. at Sumas, B.C.	776,024	851,943	-	2,471,244
♢	Including deliveries to U.S. pipe lines, Gretna, Man.	2,087,280	3,701,019	1,781,284	12,332,159

TABLE 5

OPERATING STATISTICS

		APRIL 1 9 5 5	MARCH 1 9 5 5	* APRIL 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	219,163	264,480	137,686	261,058
Trunk Lines	"	646,938	733,422	473,416	693,933
Total Barrel Miles (Trunk Lines)	Millions	5,423	6,748	3,701	24,207
Average Miles Per Barrel (Trunk Lines)	Miles	279.4	296.8	260.6	290.7
Employees and Earnings (6)					
Average Number (4)	No.	1,210	1,208	1,195	1,202
Total Salaries and Wages	\$	485,503	474,394	456,752	1,897,486
Man-Hours Worked by Wage Earners (5) (6)	Hours	52,341	53,871	52,153	205,842

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Bannia Products Line, Key Pipe Line Co. Ltd., Mid Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Ltd.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

APRIL, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (April, 1955)	3,309,160	4,414,664	5,328,382	2,217,269	(2) 8,016,620	23,286,095
This year (4 months)	16,102,496	22,289,470	21,291,311	8,633,954	(3) 34,944,513	103,261,744
<u>Total Delivered out of System</u>						
This month (April, 1955)	3,288,276	4,774,119	5,302,263	2,275,629	(4) 7,895,144	23,535,431
This year (4 months)	16,113,893	22,694,639	21,289,085	8,618,407	(5) 34,662,910	103,378,934
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (April, 1955)	109,609	-	-	-	109,554	219,163
This year (4 months)	134,282	-	-	-	126,776	261,058
<u>Trunk Lines</u>						
This month (April, 1955)	-	159,137	176,742	75,854	235,205	646,938
This year (4 months)	-	189,122	177,409	71,820	255,582	693,933
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (April, 1955)	-	2,501	390	1,586	946	5,423
This year (4 months)	-	12,767	1,566	6,050	3,824	24,207
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (April, 1955)	-	524.0	73.5	697.0	134.1	279.4
This year (4 months)	-	563.0	73.5	702.0	124.7	290.7
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,813	(7)* 4,236,891	* 13,062,183
Six Months ending June 30, 1955						
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (April, 1955)	190	379	51	153	(6) 437	1,210
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (April, 1955)	69,891	159,523	19,942	71,397	(6) 164,750	485,503
This year (4 months)	277,429	633,701	77,686	280,305	(6) 628,365	1,897,486
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (April, 1955)	23,082	65	552	700	(6) 27,942	52,341
This year (4 months)	92,464	534	2,234	3,186	(6) 107,424	205,842

- * Totals include duplication between companies.
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; and Winnipeg Pipe Line Company, Limited.
- (2) Includes 13,394,693 bbls. products and 48,664 bbls. natural gasoline.
- (3) Includes 13,305,192 bbls. products and 210,963 bbls. natural gasoline.
- (4) Includes 3,308,713 bbls. products and 46,514 bbls. natural gasoline.
- (5) Includes 13,225,551 bbls. products and 204,361 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.
- (7) Excludes Anglo American Exploration Company and Sarnia Products Line.
- x Revised

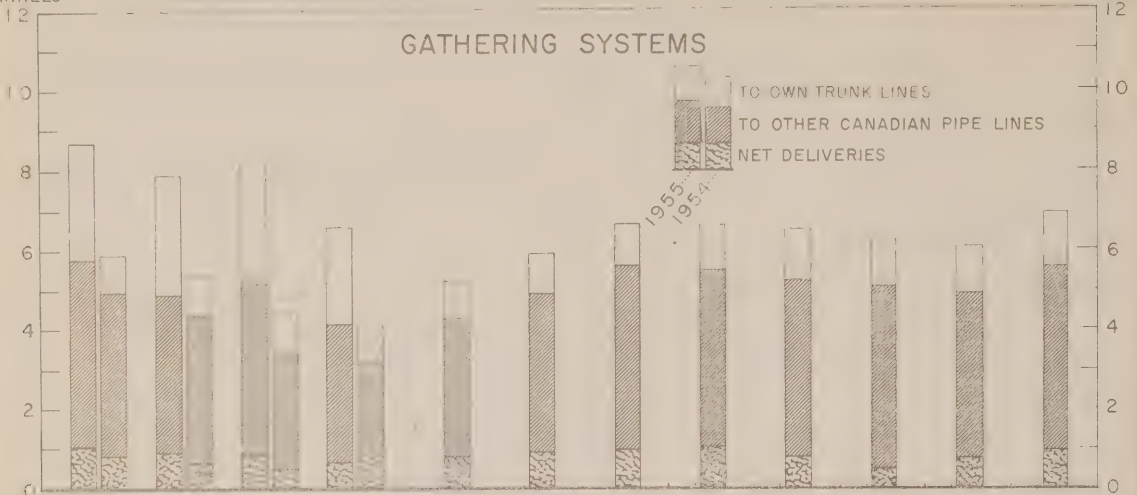
MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955

MILLION
BARRELS

MILLION
BARRELS

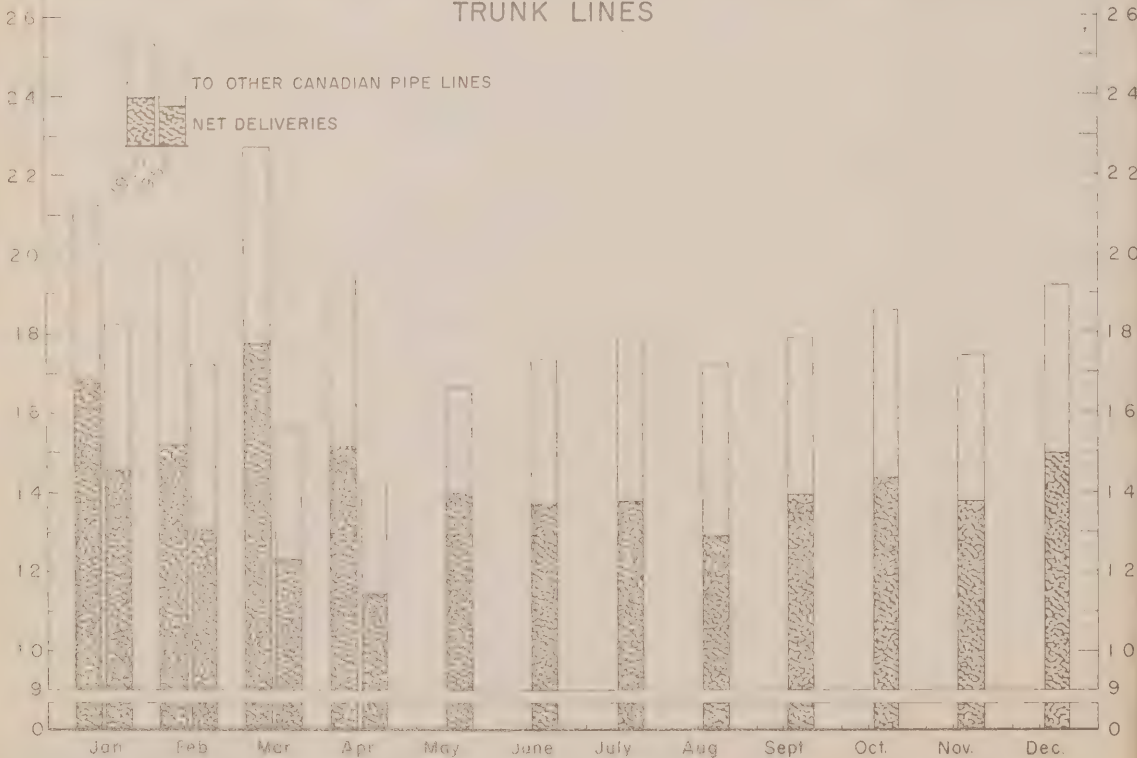
GATHERING SYSTEMS

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 5, No. 5

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

MAY, 1955

A record volume of oil was carried through the Interprovincial, Trans Mountain and Montreal pipe lines during May. Total net deliveries for all lines amounted to 17,328,184 barrels. This was an average of 558,974 barrels per day, 6 p.c. above April's average of 527,296 barrels and 17 p.c. above the average of 477,605 recorded in May 1954.

For the five months ended May 31st, net deliveries amounted to 85,550,707 barrels compared with 69,029,410^x in the same period last year, an increase of 24 p.c. Refinery products accounted for 18.6 p.c. of the total or 15,925,517 barrels as against 13,240,355 in 1954. Provincial deliveries for the five months were as follows (1954 data in brackets) British Columbia, 11,169,668 barrels (4,998,717); Alberta, 6,710,851 (6,529,273); Saskatchewan, 6,293,759 (5,325,997); Manitoba, 18,581,371 (15,209,600), Ontario, 15,682,860 (13,234,689), and Quebec, 27,112,198 (23,731,134). Manitoba deliveries included 15,555,831 barrels (12,687,721) transferred to the Lakehead Pipe Line Company for transport through the United States, principally to Sarnia refineries, and 3,025,540 (2,521,879) delivered within the province.

Net receipts during the month of May amounted to 17,677,004 barrels compared with 14,022,337 in the same month last year, an increase of 26 p.c. Included in the May receipts were 8,399,121 barrels of Alberta crude, 48,887 of Alberta natural gasoline, 148,757 of Saskatchewan crude, 248,864 Manitoba crude, 5,847,599 of imported crude and 2,683,776 barrels of refinery products.

Both gathering and trunk lines handled more oil than in the previous month. Gathering systems delivered an average of 279,280 barrels per day, 27 p.c. above the April 1955 average. Trunk lines delivered an average of 715,726 barrels per day, 11 p.c. above April's average of 646,938 and 33 p.c. above May, 1954. Barrel miles rose to 6,550 million compared with 5,423 in April and 5,143 in May last year. The average haul rose from 279.4 miles in April to 295.2. Employment was up from 1,210 in April to 1,264 in May and the average wage of \$4.041 was 6.7 p.c. above the average wage recorded in May, 1954.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-55

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table

	Barrels
Total Received into Systems - all companies - during first five months of 1955, per table 6.....	131,117,666
Received into Trunk Lines from other Canadian Pipe Lines.....	45,190,677
"Net Received" into Canadian Pipe Line Systems.....	85,926,989
"Net Received" into Trunk Systems per table 1.....	45,915,764
"Net Received" into Gathering Systems per table 2.....	40,011,225
Total Delivered out of Systems - all companies - during first five months of 1955, per table 6.....	130,812,054
Delivered to other Canadian Pipe Lines.....	45,261,347
"Net Delivered" from Canadian Pipe Line Systems.....	85,550,707
"Net Delivered" from Trunk Systems per table 1.....	81,476,329
"Net Delivered" from Gathering Systems per table 2.....	4,074,378

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1955

	Barrels	
Total Shippers Balances - January 1, 1955.....	8,041,597	
Total Carriers Balances - January 1, 1955.....	379,397	8,420,994
Received into Gathering Systems January 1 to May 31, 1955.....	40,011,225	
Received into Trunk Systems January 1 to May 31, 1955.....	105,738,478	145,749,703
Total oil accountable for period.....		154,170,697
Delivered from Gathering Systems January 1 to May 31, 1955.....	39,984,632	
Delivered from Trunk Systems January 1 to May 31, 1955.....	105,459,459	145,444,091
Balance to be accounted for at May 31, 1955.....		8,726,606
Oil consumed as fuel and losses.....		74,067
Balance on hand - May 31, 1955.....		8,652,539
Total Shippers Balances - May 31, 1955.....	8,268,687	
Total Carriers Balances - May 31, 1955.....	383,852	

The Interprovincial and Sun Pipe Line Companies operate lines across the St.Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
May, 1954	2,659,365	460,593
April, 1955	2,105,173	428,816
May, 1955	2,975,775	428,132

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	May 1955	April 1955	^x May 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	22,649,647	19,139,494	15,819,599	105,738,478
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,412,061	2,447,595	954,731	14,632,037
3. Other pipe lines - Gathering	2,795,238	2,028,960	2,069,030	13,069,555
4. Trunk	7,383,680	5,523,933	4,009,335	32,121,122
5. Net Received (6+7+8)	9,058,668	9,139,006	8,786,503	45,915,764
6. Originating on own trunk lines	3,103,059	3,796,815	4,033,815	18,043,932
7. Received from foreign pipe line connections	5,847,599	5,328,382	4,752,688	27,138,910
8. Received from other carriers (rail & truck)	108,010	13,809	-	732,922
9. Total Delivered * (10+11)	22,187,509	19,408,142	16,623,945	105,459,459
10. Less: Delivered to other Canadian trunk lines	5,398,230	4,251,968	2,631,102	23,983,130
11. Net Delivered (12+13+14)	16,789,279	15,156,174	13,992,843	81,476,329
12. Terminated on own trunk lines	12,692,895	12,268,591	10,669,918	62,502,370
13. Delivered to foreign pipe line connections	4,073,410	2,863,304	3,317,259	18,876,813
14. Delivered to other carriers (rail & truck)	22,974	24,279	5,666	97,146

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	May 1955	April 1955	^x May 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	8,618,336	6,594,196	5,235,834	40,011,225
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	8,618,336	6,594,196	5,235,834	40,011,225
18. Originating on own gathering system	8,487,312	6,569,583	5,082,118	38,919,968
19. Received from other carriers (rail & truck)	131,024	24,613	153,716	1,091,257
20. Total Delivered * (21+22+23)	8,657,672	6,574,884	5,224,895	39,984,632
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,412,061	2,447,595	954,731	14,632,037
22. Other pipe lines	4,706,706	3,464,574	3,457,255	21,278,217
23. Net Delivered (24+25)	538,905	662,715	812,909	4,074,378
24. Terminated on gathering systems	359,815	471,553	736,796	3,032,108
25. Delivered to other carriers (rail & truck)	179,090	191,162	76,113	1,042,270

† Includes natural gasoline and products.

* Includes duplications.

‡ Includes natural gasoline.

x Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		May	April	^x May	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,922,158	6,140,760	5,087,438	37,247,117
"	- Trunk	593,325	463,501	1,345,717	3,028,619
Saskatchewan	- Gathering	447,314	247,710	26,085	1,485,959
"	- Trunk	1,443	-	-	1,443
Manitoba	- Gathering	248,864	205,726	122,311	1,278,149
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,397,971	2,099,846	1,657,416	9,779,550
Quebec (3)	- Trunk	7,065,929	6,575,659	5,783,370	33,106,152
Net Received	- Gathering	8,618,336	6,594,196	5,235,834	40,011,225
"	- Trunk	9,058,668	9,139,006	8,786,503	45,915,764
"	- Total	17,677,004	15,733,202	14,022,337	85,926,989

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		May	April	^x May	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia ⁴	- Trunk	2,551,261	2,275,629	944,930	11,169,668
Alberta (1)	- Gathering	496,168	608,241	787,132	3,753,764
"	- Trunk	535,653	405,189	600,114	2,957,087
Saskatchewan	- Gathering	42,737	54,474	25,777	320,614
"	- Trunk	1,362,701	1,214,080	1,189,320	5,973,145
Manitoba ⁵	- Trunk	3,884,162	2,698,117	3,648,355	18,581,371
Ontario (2)	- Trunk	2,632,389	3,260,896	2,731,206	15,682,860
Quebec	- Trunk	5,823,113	5,302,263	4,878,918	27,112,198
Net Delivered	- Gathering	538,905	662,715	812,909	4,074,378
"	- Trunk	16,789,279	15,156,174	13,992,843	81,476,329
"	- Total	17,328,184	15,818,889	14,805,752	85,550,707
⁴ Including exports to U.S.A. at Sumas, B.C.		849,738	776,024	-	3,320,982
⁵ Including deliveries to U.S. pipe lines, Gretna, Man.		3,223,672	2,087,280	3,317,259	15,555,831

TABLE 5

OPERATING STATISTICS

		May	April	^x May	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	279,280	219,163	168,545	264,799
Trunk Lines	"	715,726	646,938	536,256	698,407
Total Barrel Miles (Trunk Lines)	Millions	6,550	5,423	5,143	30,756
Average Miles Per Barrel (Trunk Lines)	Miles	295.2	279.4	309.4	291.6
Employees and Earnings (6)					
Average Number (4)	No.	1,264	1,210	1,202	1,214
Total Salaries and Wages	\$	510,807	485,503	454,986	2,408,293
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,301	52,341	53,347	265,143

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

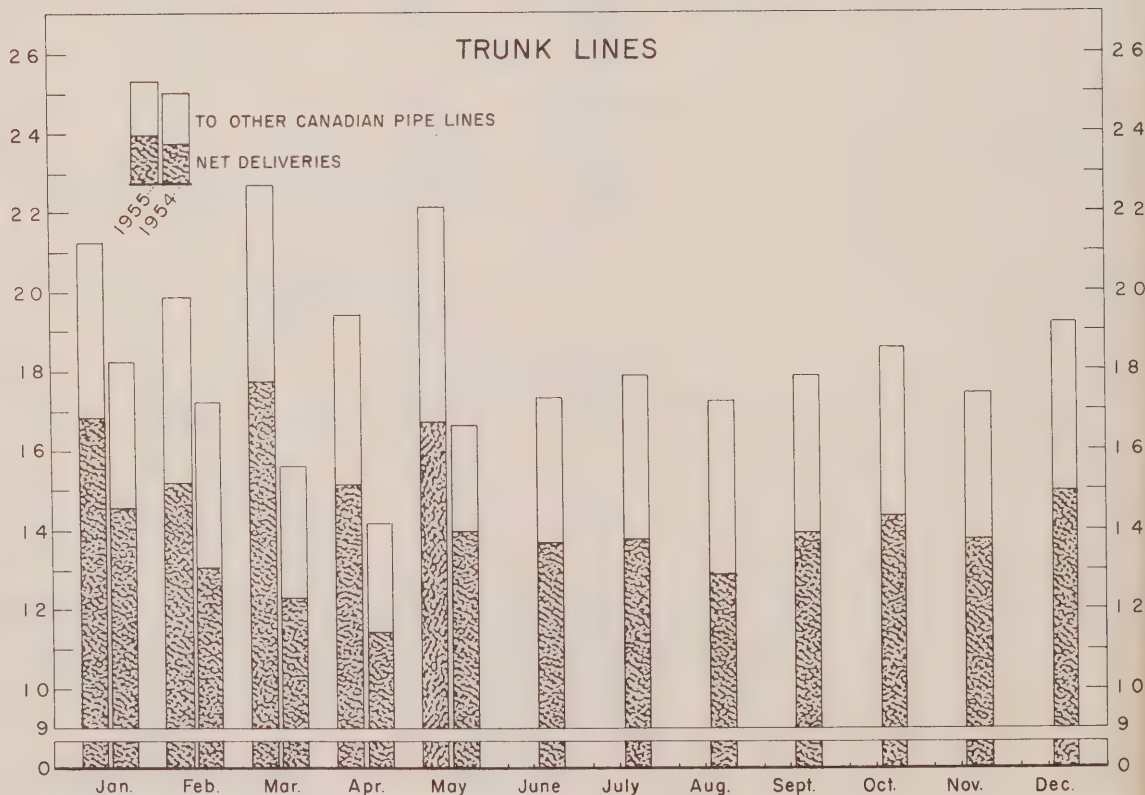
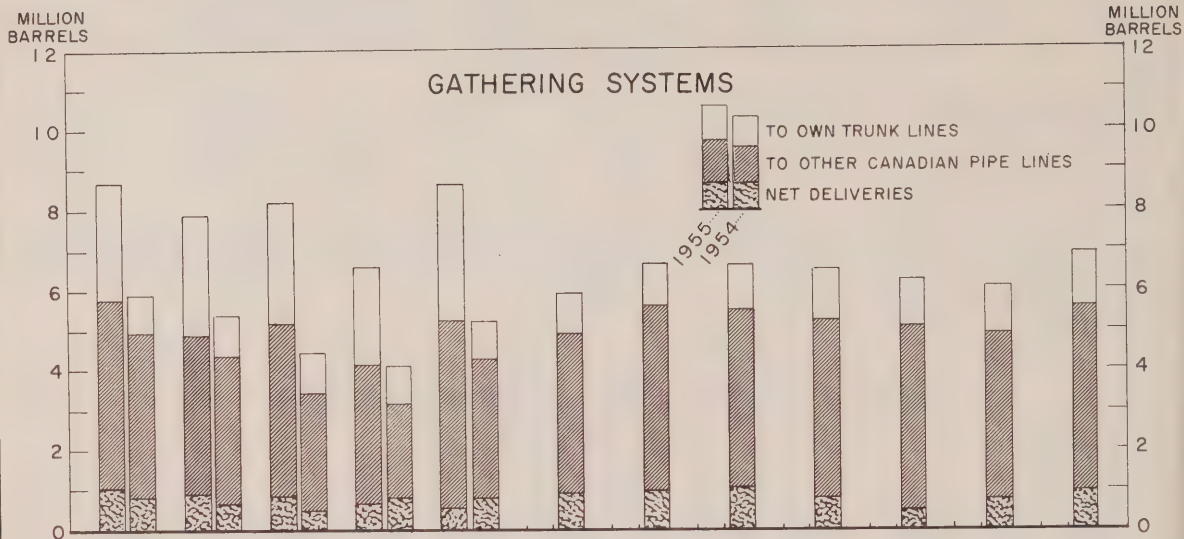
May, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (May, 1955)	4,314,068	6,592,257	5,847,599	2,558,916	(E) 8,543,082	27,855,922
This year (5 Months)	20,416,564	28,881,727	27,138,910	11,192,870	(3) 43,487,595	131,117,666
<u>Total Delivered out of System</u>						
This month (May, 1955)	4,337,843	6,377,783	5,823,113	2,551,261	(4) 8,342,120	27,432,120
This year (5 Months)	20,451,736	29,072,422	27,112,198	11,169,668	(5) 43,006,030	130,812,054
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (May, 1955)	139,930	-	-	-	139,350	279,280
This year (5 Months)	135,442	-	-	-	129,357	264,799
<u>Trunk Lines</u>						
This month (May, 1955)	-	205,735	187,842	82,299	239,850	715,726
This year (5 Months)	-	192,533	179,551	73,971	252,352	698,407
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (May, 1955)	-	3,435	428	1,780	907	6,550
This year (5 Months)	-	16,202	1,994	7,830	4,730	30,756
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (May, 1955)	-	539.0	73.6	698.0	121.9	295.2
This year (5 Months)	-	557.0	73.5	700.0	124.1	291.6
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,813	(7) 4,236,891	13,062,183
Six Months ending June 30, 1955						
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	194	397	57	168	(6) 448	1,264
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (May, 1955)	74,596	166,562	23,129	75,078	(6) 171,442	510,807
This year (5 Months)	352,025	800,263	100,815	355,383	(6) 799,807	2,408,293
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (May, 1955)	24,812	1,149	1,546	962	(6) 30,832	59,301
This year (5 Months)	117,276	1,684	3,779	4,148	(6) 138,256	265,143

* Totals include duplication between companies.

- Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company, Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- Includes 2,683,776 bbls. products and 48,887 bbls. natural gasoline.
- Includes 15,988,968 bbls. products and 259,850 bbls. natural gasoline.
- Includes 2,699,966 bbls. products and 48,748 bbls. natural gasoline.
- Includes 15,925,517 bbls. products and 253,109 bbls. natural gasoline.
- Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.
- Excludes Anglo American Exploration Company and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



Doc.

Canada Statistics Bureau

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

PIPE LINES (OIL) STATISTICS

Vol. 5, No. 6

Price: \$1.00 per year

JUNE, 1955.

The amount of oil carried by Canadian pipe lines rose during June to an average of 603,712 barrels per day as compared with an average of 558,974 barrels in May and 487,203 in June of the previous year, an increase of 8.0 and 23.9 per cent, respectively.

Total net deliveries for the month of June aggregated 18,111,357 barrels as against 17,328,184 barrels in May and 14,616,093 barrels in June, 1954. For the six months ended June 30, net deliveries totalled 103,662,064 barrels, an increase of 20,016,561 barrels or 23.9 per cent over the 1954 total of 83,645,503 barrels. Deliveries by provinces to the end of June were as follows with similar data for 1954 in brackets: British Columbia, 13,354,047 barrels (6,191,168); Alberta, 8,345,927 barrels (7,974,481); Saskatchewan, 7,767,819 barrels (6,665,222); Manitoba, 23,228,643 barrels (19,083,158); Ontario, 18,376,834 barrels (15,974,647); and, Quebec 32,588,794 barrels (27,756,827). Manitoba deliveries included 19,658,576 barrels (15,923,657) transferred to the Lakehead Pipe Line Company for transport through the United States, principally to Sarnia refineries. The remainder 3,570,067 barrels (3,159,501) were delivered within the province.

Net receipts during June amounted to 18,249,761 barrels as compared with 14,222,563 barrels in the same month last year, an increase of 4,027,398 barrels or 28.3 per cent. Included in the receipts for June were 9,163,735 barrels of Alberta crude, 42,565 of Alberta natural gasoline, 497,015 of Saskatchewan crude, 340,516 of Manitoba crude, 5,483,573 of imported crude and 2,722,357 barrels of refinery products.

Both gathering and trunk lines handled more oil than in the previous month. Gathering systems handled an average of 313,442 barrels per day as against 279,280 barrels in May, a gain of 12.2 per cent. Trunk lines handled an average of 776,073 barrels per day, 8.4 per cent above the May average of 715,726 barrels. Barrel miles rose to 6,797 million compared with 6,550 in May and 5,569 million in June 1954.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for June 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-65

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first six months of 1955, per table 6	160,198,306
Received into Trunk Lines from other Canadian Pipe Lines	56,021,556
"Net Received" into Canadian Pipe Line Systems	104,176,750
"Net Received" into Trunk Systems per table 1	54,775,687
"Net Received" into Gathering Systems per table 2	49,401,063
Total Delivered out of Systems - all companies -	
during first six months of 1955, per table 6	159,832,561
Delivered to other Canadian Pipe Lines	56,170,497
"Net Delivered" from Canadian Pipe Line Systems	103,662,064
"Net Delivered" from Trunk Systems per table 1	98,652,417
"Net Delivered" from Gathering Systems per table 2	5,009,647

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for June and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1955

	Barrels
Total Shippers Balances - January 1, 1955	8,041,597
Total Carriers Balances - January 1, 1955	379,397
Received into Gathering Systems January 1 to June 30, 1955	49,401,063
Received into Trunk Systems January 1 to June 30, 1955	129,094,224
Total oil accountable for period	186,916,281
Delivered from Gathering Systems January 1 to June 30, 1955	49,387,894
Delivered from Trunk Systems January 1 to June 30, 1955	128,741,648
Balance to be accounted for at June 30, 1955	8,786,739
Oil consumed as fuel and losses	106,842
Balance on hand - June 30, 1955	8,679,897
Total Shippers Balances - June 30, 1955	8,286,293
Total Carriers Balances - June 30, 1955	393,604

The Interprovincial and Sun Pipe Companies operate lines across the St.Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
June, 1954	3,119,444	409,806
May, 1955	2,975,775	428,132
June, 1955	3,339,575	364,545

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	JUNE 1955	MAY 1955	JUNE # 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	23,355,746	22,649,647	16,888,294	129,094,224
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	3,664,944	3,412,061	1,019,561	18,296,981
3. Other pipe lines - Gathering	3,226,064	2,795,238	2,435,925	16,295,619
4. Trunk	7,604,815	7,383,680	5,128,084	39,725,937
5. <u>Net Received (6+7+8)</u>	8,019,223	9,058,668	8,304,720	54,775,687
6. Originating on own trunk lines	3,132,424	3,103,059	4,271,743	21,176,356
7. Received from foreign pipe line connections	5,483,573	5,847,599	4,032,981	32,622,483
8. Received from other carriers (rail & truck)	243,926	108,010		976,848
9. <u>Total Delivered * (10+11)</u>	23,282,189	22,187,509	17,257,822	128,741,648
10. Less: Delivered to other Canadian trunk lines	6,108,101	5,318,740	3,578,986	30,089,231
11. <u>Net Delivered (12+13+14)</u>	17,174,088	16,868,769	13,678,836	98,652,417
12. Terminated on own trunk lines	12,356,431	12,692,895	10,440,381	74,858,801
13. Delivered to foreign pipe line connections	4,796,239	4,073,410	3,235,936	23,673,052
14. Delivered to other carriers (rail & truck)	125,418	102,404	2,519	120,564

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	JUNE 1955	MAY 1955	JUNE # 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	9,389,638	8,618,336	5,917,639	49,401,063
16. Less: Received from other gathering systems				
17. <u>Net Received (18+19)</u>	9,389,638	8,618,336	5,917,639	49,401,063
18. Originating on own gathering system	8,180,386	8,487,312	5,603,066	48,080,534
19. Received from other carriers (rail & truck)	229,252	131,024	314,573	1,320,529
20. <u>Total Delivered * (21+22+23)</u>	9,403,262	8,657,672	5,937,955	49,387,894
Less: Delivered to other pipe lines -				
21. Own Trunk system	3,664,944	3,412,061	1,019,561	18,296,981
22. Other pipe lines	4,803,049	4,706,706	3,981,137	26,081,266
23. <u>Net Delivered (24+25)</u>	935,269	538,905	937,257	5,009,647
24. Terminated on gathering systems	148,888	158,515	777,897	3,780,976
25. Delivered to other carriers (rail & truck)	186,401	179,090	159,360	1,228,671

* Includes natural gasoline and products.

* Includes duplications.

Includes natural gasoline.

Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		JUNE	MAY	JUNE *	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,552,962	7,922,158	5,702,161	45,800,079
"	- Trunk	714,668	593,325	1,535,380	3,743,287
Saskatchewan	- Gathering	496,360	447,314	50,591	1,982,319
"	- Trunk	655	1,443	-	2,098
Manitoba	- Gathering	340,516	248,864	164,887	1,618,665
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,653,448	1,397,971	1,612,204	11,432,998
Quebec (3)	- Trunk	6,491,152	7,065,929	5,157,140	39,597,304
Net Received	- Gathering	9,389,838	8,618,336	5,917,639	49,401,063
" "	- Trunk	8,859,923	9,058,668	8,304,724	54,775,687
" "	- Total	18,249,761	17,677,004	14,222,363	104,176,750

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		JUNE	MAY	JUNE *	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,184,379	2,551,261	1,192,451	13,354,047
Alberta (1)	- Gathering	890,905	496,168	891,521	4,644,669
"	- Trunk	744,171	535,653	553,687	3,701,258
Saskatchewan	- Gathering	44,364	42,737	45,736	364,978
"	- Trunk	1,429,696	1,362,701	1,293,489	7,402,841
Manitoba	- Trunk	4,647,272	3,884,162	3,873,558	23,228,643
Ontario (2)	- Trunk	2,693,974	2,632,389	2,739,958	18,376,834
Quebec	- Trunk	5,476,596	5,823,113	4,025,693	32,588,794
Net Delivered	- Gathering	935,269	538,905	937,257	5,009,647
" "	- Trunk	17,176,088	16,789,279	13,678,836	98,652,417
" "	- Total	18,111,357	17,328,184	14,616,093	103,662,064
✱	Including exports to U.S.A. at Sumas, B.C.	693,494	849,738	-	4,014,476
✱	Including deliveries to U.S. pipe lines, Gretna, Man.	4,102,745	3,223,672	3,235,936	19,658,576

TABLE 5

OPERATING STATISTICS

		JUNE	MAY *	JUNE *	YEAR TO DATE
		1955	1955	1954	1955
Barrels Handled - Daily Average					
Gathering Systems	Barrels	313,442	279,280	197,932	272,861
Trunk Lines	"	776,073	715,726	575,261	711,280
Total Barrel Miles (Trunk Lines)	Millions	6,797	6,550	5,569	37,570*
Average Miles Per Barrel (Trunk Lines)	Miles	291.9	295.0	322.7	291.8
Employees and Earnings (6)					
Average Number (4)	No.	1,286	1,264	1,208	1,216
Total Salaries and Wages	\$	534,251	510,807	460,738	2,942,544
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,004	58,209	53,408	322,055

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Lines Ltd., Mid-Saskatchewan Pipe Lines Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

* Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

June, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other ⁶ Pipe Lines (1)	Total ⁶
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (June, 1955)	4,677,689	7,463,833	5,483,573	2,294,904	(2) 9,160,641	29,080,640
This year (6 months)	25,094,253	36,345,560	32,622,483	13,487,774	(3) 52,648,236	160,198,306
<u>Total Delivered out of System</u>						
This month (June, 1955)	4,672,620	7,221,172	5,476,596	2,184,379	(4) 9,465,740	29,020,507
This year (6 months)	25,124,356	36,293,594	32,588,794	13,354,047	(5) 52,471,770	159,832,561
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (June 1955)	155,754	-	-	-	157,688	313,442
This year (6 months)	138,809	-	-	-	134,052	272,861
<u>Trunk Lines</u>						
This month (June, 1955)	-	240,706	182,553	72,813	280,001	776,073
This year (6 months)	-	200,517	180,048	73,779	256,936	711,280
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (June, 1955)	-	3,878	403	1,521	995	6,797
This year (6 months)	-	20,080	2,397	9,351	5,742	37,570
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (June, 1955)	-	537.0	73.6	696.0	118.4	291.9
This year (6 months)	-	553.0	73.5	700.0	123.4	291.8
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,	969,737	4,345,246	542,496	2,967,898	(7) 4,054,992	12,880,369
Six Months ending June 30,	1,887,471	9,255,047	1,141,931	6,228,624	8,025,324	26,538,397
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	194	384	61	166	(6) 481	1,286
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (June, 1955)	71,497	171,657	23,810	80,229	(6) 187,058	534,251
This year (6 months)	423,522	971,920	124,625	435,612	(6) 986,865	2,942,544
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (June, 1955)	22,760	328	2,591	2,014	(6) 30,311	58,004
This year (6 months)	140,036	2,012	6,371	6,162	(6) 167,474	322,055

Totals include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company, Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

Includes 2,722,357 bbls. products and 42,565 bbls. natural gasoline.

Includes 18,711,325 bbls. products and 302,415 bbls. natural gasoline.

Includes 2,754,886 bbls. products and 46,900 bbls. natural gasoline.

Includes 18,680,404 bbls. products and 300,009 bbls. natural gasoline.

Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., and Nisku Products Pipe Line Company, Limited.

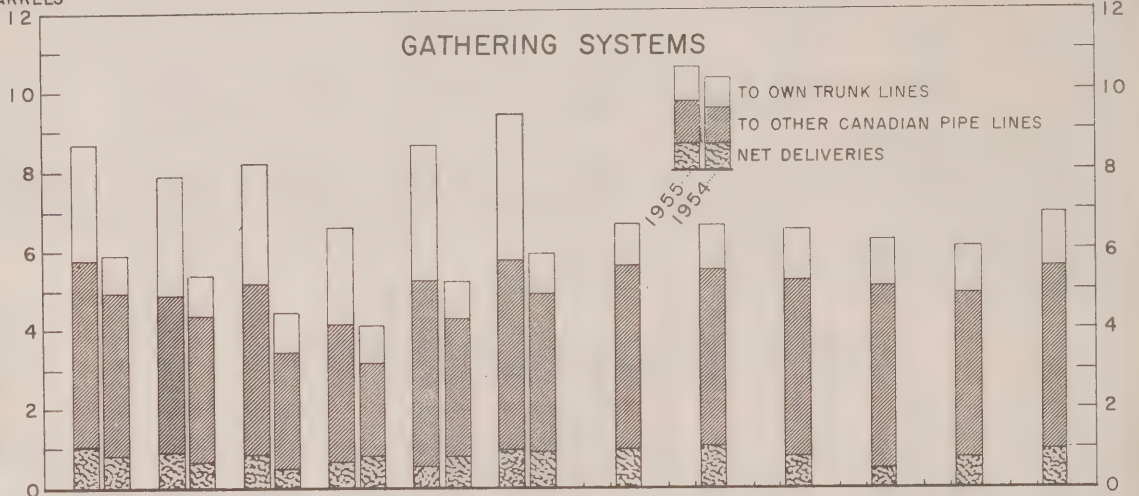
Excludes Anglo American Exploration Company, Sarnia Products Line, and Edmonton Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955

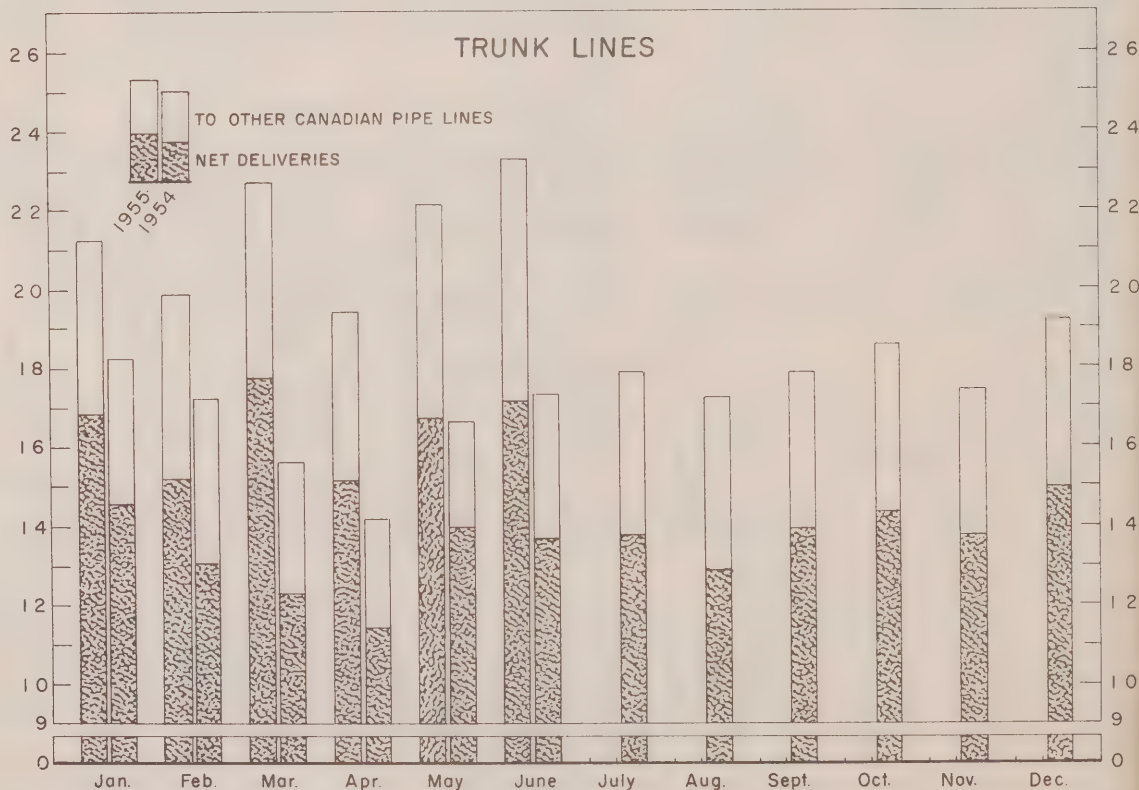
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEMS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 5, No. 7

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

JULY, 1955

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The amount of oil carried by Canadian pipe lines reached a new high in July with a net delivery of 19,699,144 barrels as compared with 14,793,202 barrels in July, 1954. Daily deliveries totalled 635,456 barrels, 5.2 per cent above the 603,712 barrels delivered in June and 33.2 per cent above the 477,200 barrels delivered in July 1954.

Total net deliveries for the seven months ended July 31, 1955 were 123,361,208 barrels, compared with 98,438,705 barrels recorded in the same period last year. Provincial deliveries for the seven months are as follows (1954 data in brackets) British Columbia, 1,000,828 barrels (7,229,544); Alberta, 10,093,215 (9,491,131); Saskatchewan, 9,250,821 (8,004,818); Manitoba, 28,278,821 (23,208,729); Ontario, 21,406,919 (18,545,494); and Quebec, 38,330,604 (31,958,989). Deliveries in Manitoba included 24,005,230 barrels (19,419,662) transferred from the Interprovincial system to the Lakehead Pipe Line Company for shipment through the United States to Sarnia.

Net receipts for the month amounted to 20,348,912 barrels as compared with 15,253,365 in 1954 an increase of 33.4 per cent. Included in July receipts were 10,530,798 barrels of Alberta crude, 40,880 barrels of Alberta natural gasoline, 381,580 of Manitoba crude, 558,973 of Saskatchewan crude, 5,760,943 of imported crude and 3,075,738 barrels of refinery products.

Gathering systems handled an average of 352,818 barrels compared with 313,442 barrels in June an increase of 12.5 per cent. Trunk lines rose to 826,378 in July from 735,073 in June.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for June 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

804-508-75

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first seven months of 1955, per table 6	192,755,473
Received into Trunk Lines from other Canadian Pipe Lines	68,229,811
"Net Received" into Canadian Pipe Line Systems	124,525,662
"Net Received" into Trunk Systems per table 1	64,149,728
"Net Received" into Gathering Systems per table 2	60,375,934
Total Delivered out of Systems - all companies -	
during first seven months of 1955, per table 6	191,758,428
Delivered to other Canadian Pipe Lines	68,397,220
"Net Delivered" from Canadian Pipe Line Systems	123,361,208
"Net Delivered" from Trunk Systems per table 1	117,264,703
"Net Delivered" from Gathering Systems per table 2	6,096,505

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1955

	Barrels
Total Shippers Balances - January 1, 1955	8,041,597
Total Carriers Balances - January 1, 1955	379,397
Received into Gathering Systems January 1 to July 31, 1955	60,375,934
Received into Trunk Systems January 1 to July 31, 1955	155,305,727
	215,681,661
Total oil accountable for period	224,102,655
Delivered from Gathering Systems January 1 to July 31, 1955	60,325,261
Delivered from Trunk Systems January 1 to July 31, 1955	154,359,355
	214,684,616
Balance to be accounted for at July 31, 1955	9,418,039
Oil consumed as fuel and losses	122,472
Balance on hand - July 31, 1955	9,295,567
Total Shippers Balances - July 31, 1955	8,835,678
Total Carriers Balances - July 31, 1955	459,889

The Interprovincial and Sun Pipe Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
July, 1954	2,903,736	506,207
June, 1955	3,339,557	364,545
July, 1955	3,232,900	476,152

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	July 1955	June 1955	July 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	26,211,503	23,355,746	18,273,588	155,305,727
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	4,629,207	3,664,944	1,039,999	22,926,188
3. Other pipe lines - Gathering	3,576,307	3,226,064	2,935,310	19,871,926
4. Trunk	8,631,948	7,604,815	5,792,631	48,357,885
5. <u>Net Received (6+7+8)</u>	9,374,041	8,859,923	8,505,648	54,149,728
6. Originating on own trunk lines	3,481,832	3,132,424	4,279,363	24,658,188
7. Received from foreign pipe line connections	5,760,943	5,483,573	4,226,285	38,383,426
8. Received from other carriers (rail & truck)	131,266	243,926	-	1,108,114
9. <u>Total Delivered * (10+11)</u>	25,617,707	23,282,189	17,875,421	154,359,355
10. Less: Delivered to other Canadian trunk lines	7,005,421	6,106,101	4,113,840	37,094,002
11. <u>Net Delivered (12+13+14)</u>	18,612,286	17,176,088	13,761,581	117,265,353
12. Terminated on own trunk lines	13,403,229	12,356,431	10,261,495	88,262,030
13. Delivered to foreign pipe line connections	5,190,254	4,796,239	3,496,005	28,863,306
14. Delivered to other carriers (rail & truck)	18,803	23,418	4,081	139,367

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	July 1955	June 1955	July 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received (16+17)</u>	10,974,871	9,389,838	6,747,717	60,375,934
2. Less: Received from other gathering systems	-	-	-	-
3. <u>Net Received (18+19)</u>	10,974,871	9,389,838	6,747,717	60,375,934
4. Originating on own gathering system	10,738,636	9,160,566	6,250,362	58,819,170
5. Received from other carriers (rail & truck)	236,235	229,272	497,355	1,556,764
6. <u>Total Delivered * (21+22+23)</u>	10,937,367	9,403,262	6,690,252	60,325,261
7. Less: Delivered to other pipe lines -				
8. Own Trunk system	4,629,207	3,664,944	1,039,999	22,926,188
9. Other pipe lines	5,221,302	4,803,049	4,618,632	31,302,568
10. <u>Net Delivered (24+25)</u>	1,086,858	935,269	1,031,621	6,096,505
11. Terminated on gathering systems	889,686	748,868	839,218	4,570,654
12. Delivered to other carriers (rail & truck)	197,172	186,401	192,403	1,325,851

Includes natural gasoline and products.

Includes duplications.

Includes natural gasoline.

Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		July 1 9 5 5	June 1 9 5 5	^x July 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,034,318	8,552,962	6,479,789	55,834,397
"	- Trunk	581,787	714,668	1,708,482	4,325,071
Saskatchewan	- Gathering	558,973	496,360	76,327	2,541,292
"	- Trunk	-	655	-	2,098
Manitoba	- Gathering	381,580	340,516	191,601	2,000,245
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,976,006	1,653,448	1,479,721	13,409,004
Quebec (3)	- Trunk	6,816,248	6,491,152	5,317,445	46,413,552
Net Received	- Gathering	10,974,871	9,389,838	6,747,717	60,375,934
"	- Trunk	9,374,041	8,859,923	8,505,648	64,149,728
"	- Total	20,348,912	18,249,761	15,253,365	124,525,662

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		July 1 9 5 5	June 1 9 5 5	^x July 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia ⁺	- Trunk	2,646,781	2,184,379	1,038,376	16,000,828
Alberta (1)	- Gathering	1,052,045	890,905	962,623	5,696,714
"	- Trunk	695,243	744,171	554,027	4,396,501
Saskatchewan	- Gathering	34,813	44,364	68,998	399,791
"	- Trunk	1,448,189	1,429,696	1,270,598	8,851,030
Manitoba ^o	- Trunk	5,050,178	4,647,272	4,125,571	28,278,821
Ontario (2)	- Trunk	3,030,085	2,693,974	2,570,847	21,406,919
Quebec	- Trunk	5,741,810	5,476,596	4,202,162	38,330,604
Net Delivered	- Gathering	1,086,858	935,269	1,031,621	6,096,505
"	- Trunk	18,612,286	17,176,088	13,761,581	117,264,703
"	- Total	19,699,144	18,111,357	14,793,202	123,361,208
⁺ Including exports to U.S.A. at Sumas, B.C.		843,600	693,494	-	4,858,076
^o Including deliveries to U.S. pipe lines, Gretna, Man.		4,346,654	4,102,745	3,496,005	24,005,230

TABLE 5

OPERATING STATISTICS

		July 1 9 5 5	June 1 9 5 5	^x July 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	352,818	313,442	214,815	284,533
Trunk Lines	"	826,378	776,073	576,626	728,110
Total Barrel Miles (Trunk Lines)	Millions	7,508	6,797	5,621	45,078
Average Miles Per Barrel (Trunk Lines)	Miles	293.0	291.9	314.4	292.0
Employees and Earnings (6)					
Average Number (4)	No.	1,307	1,286	1,211	1,237
Total Salaries and Wages	\$	528,951	534,251	461,662	3,471,495
Man-Hours Worked by Wage Earners (5) (6)	Hours	61,863	58,004	52,498	383,918

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Misku Products Pipe Line Company, Limited.

TABLE 6 PIPE LINE STATISTICS, BY COMPANIES

JULY, 1955

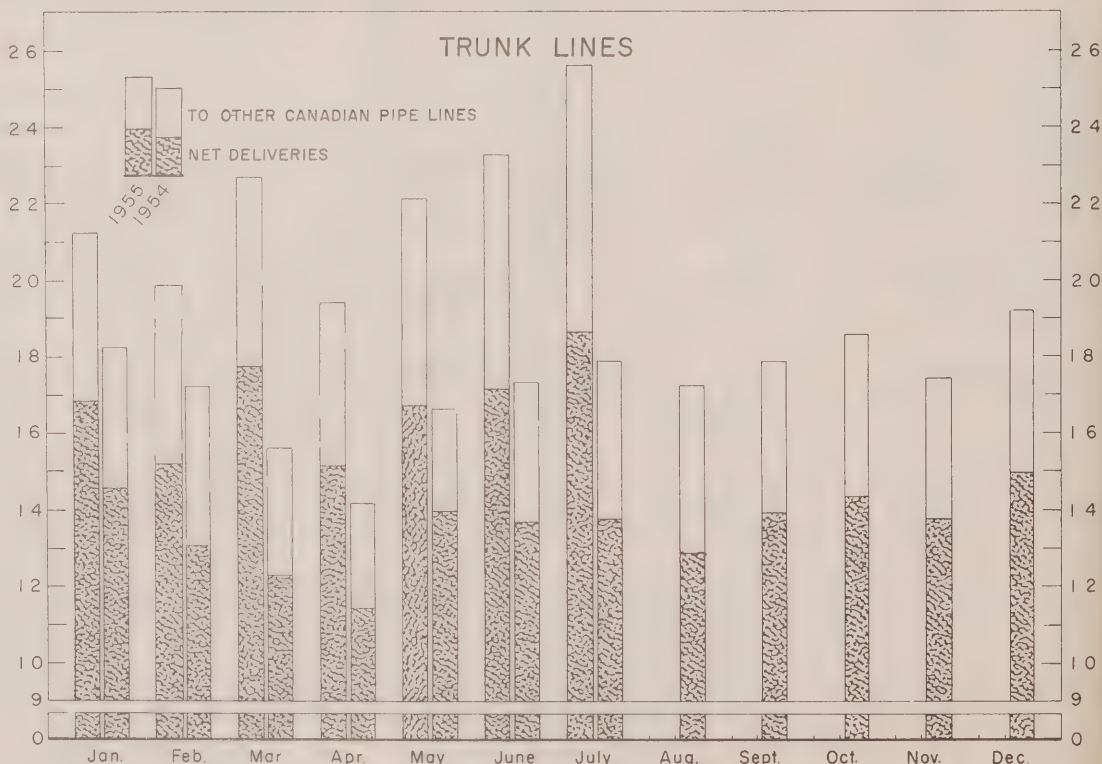
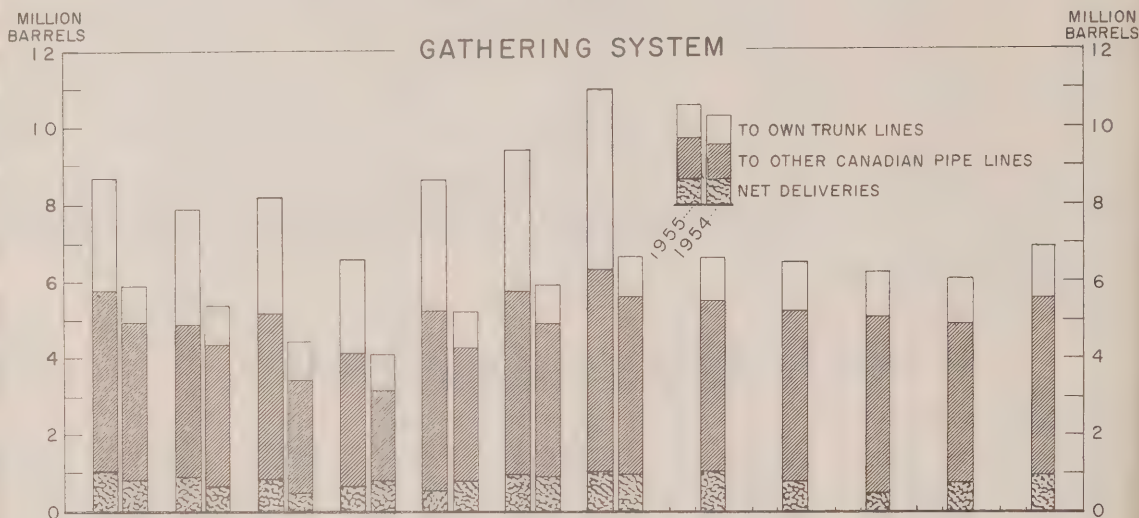
Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (July, 1955)	5,139,317	8,064,949	5,760,943	2,944,319	(2) 10,647,639	32,577,167
This year (7 months)	30,233,570	44,410,509	38,383,426	16,432,093	(3) 63,295,875	192,755,473
<u>Total Delivered out of System</u>						
This month (July, 1955)	5,096,324	7,918,798	5,741,810	2,646,781	(4) 10,522,154	31,925,867
This year (7 months)	30,220,680	44,212,392	38,330,604	16,000,828	(5) 62,993,924	191,758,428
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (July, 1955)	164,398	-	-	-	188,420	352,818
This year (7 months)	142,550	-	-	-	142,003	284,553
<u>Trunk Lines</u>						
This month (July, 1955)	-	255,445	185,220	85,380	300,333	826,378
This year (7 months)	-	208,549	180,805	75,476	263,280	728,110
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (July, 1955)	-	4,179	422	1,845	1,062	7,508
This year (7 months)	-	24,259	2,819	11,196	6,804	45,078
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (July, 1955)	-	528.0	73.5	697.0	114.0	293.0
This year (7 months)	-	549.0	73.5	700.0	121.9	292.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,054,992	12,880,369
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,226,056	26,739,129
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (July, 1955)	198	409	62	167	(6) 471	1,307
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (July, 1955)	75,349	171,708	23,537	76,862	(6) 181,495	528,951
This year (7 months)	498,871	1,143,628	148,162	512,474	(6) 1,168,360	3,471,495
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (July, 1955)	26,931	1,039	2,655	2,114	(6) 29,124	61,863
This year (7 months)	166,967	3,051	9,025	8,277	(6) 196,598	383,918

Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company, Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,075,738 bbls. products and 40,880 bbls. natural gasoline.
- (3) Includes 21,787,063 bbls. products and 343,295 bbls. natural gasoline.
- (4) Includes 3,073,424 bbls. products and 38,080 bbls. natural gasoline.
- (5) Includes 21,753,828 bbls. products and 338,089 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited and Valley Pipe Line Company, Ltd.
- (7) Excludes Anglo American Exploration Company and Sarnia Products Line.

Revised.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



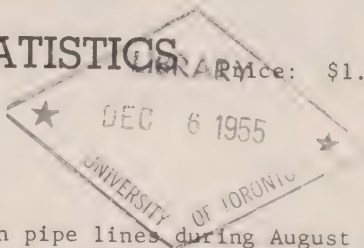
Memorandum

L. 5, No. 8

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

AUGUST, 1955



Total net deliveries of oil from Canadian pipe lines during August averaged 635,911 barrels per day, compared with 635,456 barrels in July and 450,859 barrels in August 1954.

Net deliveries for the eight months ended August 31, 1955 were 143,415,453 barrels compared with 112,415,352 during the same period last year, an increase of 27.6 per cent. Refinery Products amounted to 17.3 per cent of the total or 24,871,888 barrels against 21,094,220 in 1954. Provincial deliveries to the end of August were as follows, (figures in brackets); British Columbia, 18,837,746 (8,527,734); Alberta, 11,904,927 (11,126,965); Saskatchewan, 10,749,905 (9,285,685); Manitoba, 33,267,464 (27,211,139); Ontario, 24,468,378 (20,960,899); Quebec, 44,187,033 (35,302,930). Manitoba deliveries included 28,453,468 (27,211,139) barrels delivered to the Lakehead Pipe Line Company at Sarnia and 4,813,996 (4,400,669) delivered within the province.

Net receipts during August totalled 19,953,257 barrels compared with 14,103,257 in the same month of 1954. Included in the month's receipts were 9,882,073 barrels of Alberta crude and 43,393 of Alberta natural gasoline 624,121 of Saskatchewan crude, 111 of Manitoba crude 5,877,900 imported crude and 3,118,659 barrels of refinery products.

Gathering lines handled an average of 338,480 barrels per day against 352,000 in July and 215,740 in August last year an increase of 56.9 per cent over the previous year. Trunk lines handled 825,255 barrels per day in August against 826,378 in July and 826,639 in August 1954.

Employment was up from 1,307 in July to 1,336 in August, and salaries and wages rose from \$528,951 in July to \$534,746 in August.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd., Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for August 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eight months of 1955, per table 6	224,161,722
Received into Trunk Lines from other Canadian Pipe Lines	79,682,803
"Net Received" into Canadian Pipe Line Systems	144,478,919
"Net Received" into Trunk Systems per table 1	73,648,064
"Net Received" into Gathering Systems per table 2	70,830,855
Total Delivered out of Systems - all companies -	
during first eight months of 1955, per table 6	223,276,224
Delivered to other Canadian Pipe Lines	79,860,771
"Net Delivered" from Canadian Pipe Line Systems	143,415,453
"Net Delivered" from Trunk Systems per table 1	136,080,176
"Net Delivered" from Gathering Systems per table 2	7,335,277

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith.

OIL BALANCE - ALL COMPANIES - AUGUST, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to August 31, 1955	70,830,855	
Received into Trunk Systems January 1 to August 31, 1955	180,815,058	251,645,913
Total oil accountable for period		260,066,907
Delivered from Gathering Systems January 1 to August 31, 1955	70,818,138	
Delivered from Trunk Systems January 1 to August 31, 1955	179,942,277	250,760,415
Balance to be accounted for at August 31, 1955		9,306,492
Oil consumed as fuel and losses		137,003
Balance on hand - August 31, 1955		9,169,489
Total Shippers Balances - August 31, 1955	8,689,796	
Total Carriers Balances - August 31, 1955	479,693	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United State at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
August, 1954	2,364,401	492,277
July, 1955	3,232,900	476,152
August, 1955	2,795,720	399,808

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	August 1955	July 1955	August 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	25,509,331	26,211,503	17,388,292	180,815,058
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	4,558,003	4,629,207	1,141,741	27,484,191
3. Other pipe lines - Gathering	3,168,916	3,576,307	2,915,278	23,040,842
4. Trunk	8,284,076	8,631,948	5,879,640	56,641,961
5. Net Received (6+7+8)	9,498,336	9,374,041	7,441,633	73,648,064
6. Originating on own trunk lines	3,543,722	3,481,832	4,142,816	28,201,910
7. Received from foreign pipe line connections	5,877,900	5,760,943	3,308,817	44,261,326
8. Received from other carriers (rail & truck)	76,714	131,266	-	1,184,828
9. Total Delivered * (10+11)	25,582,922	25,617,707	17,224,823	179,942,277
10. Less: Delivered to other Canadian trunk lines	6,767,449	7,005,421	4,342,650	43,862,101
11. Net Delivered (12+13+14)	18,815,473	18,612,286	12,882,173	136,080,176
12. Terminated on own trunk lines	13,209,648	13,403,229	9,491,758	101,471,678
13. Delivered to foreign pipe line connections	5,580,642	5,190,254	3,389,808	34,443,948
14. Delivered to other carriers (rail & truck)	25,183	18,803	607	164,550

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	August 1955	July 1955	x August 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	10,454,921	10,974,871	6,652,290	70,830,855
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	10,454,921	10,974,871	6,652,290	70,830,855
18. Originating on own gathering system	10,108,441	10,738,636	6,410,365	68,927,611
19. Received from other carriers (rail & truck)	346,480	236,235	241,925	1,903,244
20. Total Delivered * (21+22+23)	10,492,877	10,937,367	6,879,954	70,818,138
Less: Delivered to other pipe lines -				
21. Own Trunk system	4,558,003	4,629,207	1,141,741	27,484,191
22. Other pipe lines	4,696,102	5,221,302	4,451,739	35,998,670
23. Net Delivered (24+25)	1,238,772	1,086,858	1,094,474	7,335,277
24. Terminated on gathering systems	1,037,275	889,686	936,595	5,707,937
25. Delivered to other carriers (rail & truck)	201,497	197,172	157,879	1,627,340

* Includes natural gasoline and products.

* Includes duplications.

* Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,424,313	10,034,318	6,373,585	65,258,710
"	- Trunk	557,411	581,787	1,726,157	4,882,485
Saskatchewan	- Gathering	623,497	558,973	66,091	3,164,789
"	- Trunk	624	-	-	2,722
Manitoba	- Gathering	407,111	381,580	212,614	2,407,356
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,813,687	1,976,006	1,391,182	15,222,691
Quebec (3)	- Trunk	7,126,614	6,816,248	4,334,294	53,540,166
Net Received	- Gathering	10,454,921	10,974,871	6,652,290	70,830,855
" "	- Trunk	9,498,336	9,374,041	7,451,633	73,648,064
" "	- Total	19,953,257	20,348,912	14,103,923	144,478,919

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,836,918	2,646,781	1,298,190	18,837,746
Alberta (1)	- Gathering	1,183,367	1,052,045	1,023,805	6,880,081
"	- Trunk	628,345	695,243	612,029	5,024,846
Saskatchewan	- Gathering	55,405	34,813	70,669	455,196
"	- Trunk	1,443,679	1,448,189	1,210,198	10,294,709
Manitoba	- Trunk	4,988,643	5,050,178	4,002,410	33,267,464
Ontario (2)	- Trunk	3,061,459	3,030,085	2,415,405	24,468,378
Quebec	- Trunk	5,856,429	5,741,810	3,343,941	44,187,033
Net Delivered	- Gathering	1,238,772	1,086,858	1,094,474	7,335,277
" "	- Trunk	18,815,473	18,612,286	12,882,173	136,080,176
" "	- Total	20,054,245	19,699,144	13,976,647	143,415,453
✧	Including exports to U.S.A. at Sumas, B.C.	1,132,404	843,600	-	5,990,480
♠	Including deliveries to U.S. pipe lines, Gretna, Man.	4,448,238	4,346,654	3,389,808	28,453,468

TABLE 5

OPERATING STATISTICS

		August	July	x August	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	338,480	352,818	215,740	291,433
Trunk Lines	"	825,255	826,378	555,639	740,503
Total Barrel Miles (Trunk Lines)	Millions	7,605	7,508	5,589	52,684
Average Miles Per Barrel (Trunk Lines)	Miles	297.3	293.0	324.5	292.8
Employees and Earnings (6)					
Average Number (4)	No.	1,336	1,307	1,215	1,248
Total Salaries and Wages	\$	534,746	528,951	472,154	4,006,241
Man-Hours Worked by Wage Earners (5) (6)	Hours	60,751	61,863	54,732	444,669

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

August, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (August, 1955)	4,717,393	7,630,865	5,877,900	2,813,914	(2) 10,366,177	31,406,249
This year (8 months)	34,950,963	52,041,374	44,261,326	19,246,007	(3) 73,662,052	224,161,722
<u>Total Delivered out of System</u>						
This month (August, 1955)	4,752,787	7,647,333	5,856,429	2,836,918	(4) 10,424,329	31,517,796
This year (8 months)	34,973,467	51,859,725	44,187,033	18,837,746	(5) 73,418,253	223,276,224
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (August, 1955)	153,316	-	-	-	185,164	338,480
This year (8 months)	143,924	-	-	-	147,509	291,433
<u>Trunk Lines</u>						
This month (August, 1955)	-	246,688	188,917	91,513	298,137	825,255
This year (8 months)	-	213,415	181,840	77,522	267,726	740,503
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (August, 1955)	-	4,091	430	1,977	1,107	7,605
This year (8 months)	-	28,350	3,250	13,173	7,911	52,684
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (August, 1955)	-	535.0	73.5	697.0	119.8	297.3
This year (8 months)	-	547.0	73.5	699.0	121.6	292.8
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,054,992	12,880,369
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,226,056	26,739,129
Nine Months ending Sept. 30, 1955						
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	194	420	61	172	(6) 489	1,336
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (August, 1955)	74,195	172,882	24,575	78,752	(6) 184,342	534,746
This year (8 months)	573,066	1,316,510	172,737	591,226	(6) 1,352,702	4,006,241
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (August)	24,056	449	2,975	2,840	(6) 30,431	60,751
This year (8 months)	191,023	3,500	12,000	11,117	(6) 227,029	444,669

Totals include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd.; Nisku Products Pipe Line Company, Limited; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited, formerly Northern Development Company, Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company, Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

Includes 3,118,659 bbls. products and 43,393 bbls. natural gasoline.

Includes 24,905,722 bbls. products and 386,688 bbls. natural gasoline.

Includes 3,118,060 bbls. products and 45,289 bbls. natural gasoline.

Includes 24,871,888 bbls. products and 383,378 bbls. natural gasoline.

Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited and Valley Pipe Line Company, Ltd.

Excludes Anglo American Exploration Company and Sarnia Products Line.

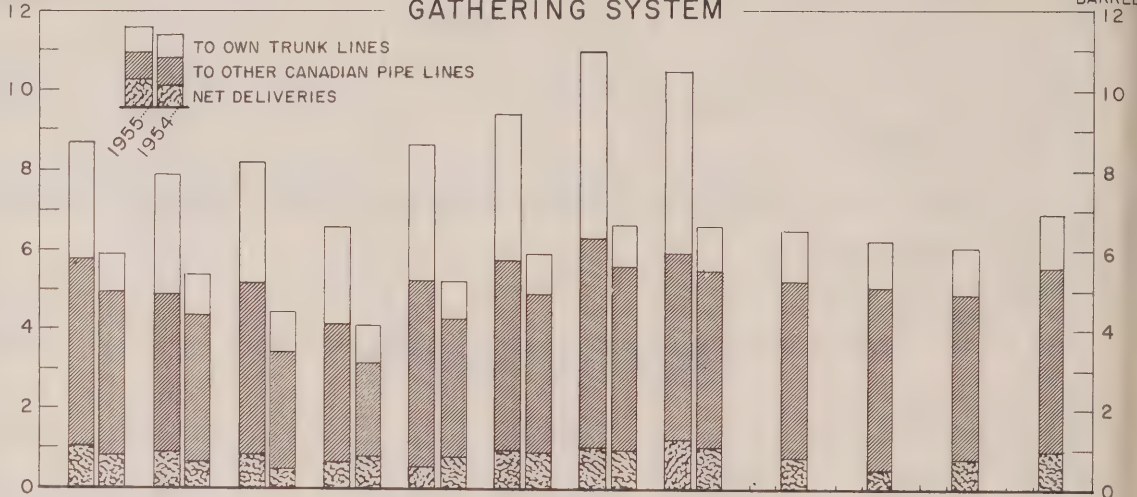
Revised.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955

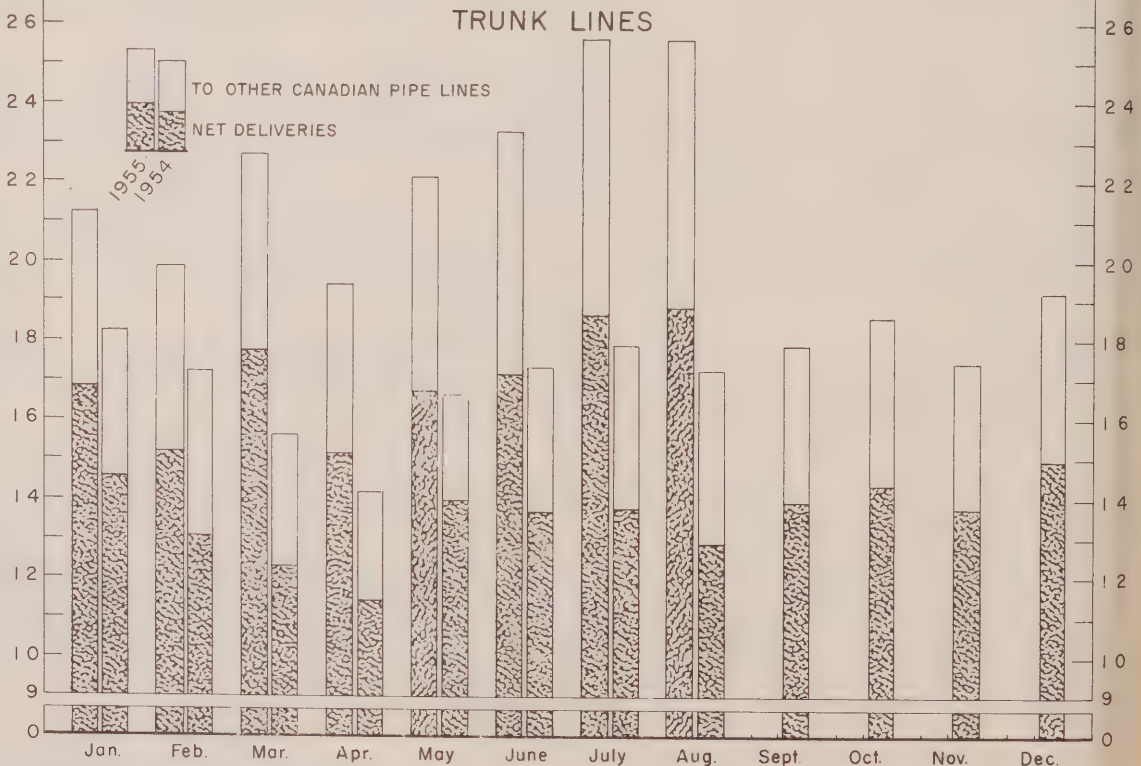
MILLION
BARRELS

MILLION
BARREL

GATHERING SYSTEM



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

1. 5, No. 9

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

SEPTEMBER, 1955

Deliveries of oil from Canadian pipe lines fell off during September. Total net deliveries averaged 603,275 barrels per day, a decrease of 7 p.c. from the August record of 646,911 barrels, but 23 p.c. above the average of 491,619 for September, 1954.

For the nine months ended September 30, net deliveries amounted to 161,513,689 barrels compared with 127,163,928 in the same period of last year, an increase of 27 p.c. Refinery products accounted for 27,842,094 barrels in 1955 as against 23,905,312 in 1954. Provincial deliveries for the nine months were as follows (1954 data in brackets): British Columbia 21,659,273 barrels (9,901,622); Alberta 13,481,397 (12,552,132); Saskatchewan 11,770,706 (10,733,040); Manitoba 37,327,284 (31,080,959); Ontario 27,387,218 (23,12,746) and Quebec 49,887,811 (39,153,429). Manitoba deliveries included 31,874,197 barrels (26,091,277) transferred to the Lakehead Pipe Line Company at Gretna for transport through the United States, principally destined to Sarnia refineries. The remainder of 453,087 barrels (4,989,682) was delivered within the province.

Net receipts for the month totalled 18,594,772 barrels, compared with 14,954,864 in September, 1954, an increase of 24 p.c. Included in the month's receipts were 8,919,18 barrels of Alberta crude oil and 50,886 of Alberta natural gasoline, 518,210 barrels of Saskatchewan crude, 393,873 of Manitoba crude, 5,718,817 of imported crude and 2,993,18 barrels of refinery products.

Gathering systems handled an average of 313,499 barrels per day in September against 338,480 in August while trunk deliveries dropped to 772,778 barrels per day from 5,255 in August, down by 6 p.c. Barrel miles at 6,608 million were down by 13 p.c. and the average haul decreased to 285.0 miles from 297.3 in August.

Employment fell off during September with 1,292 employees compared with 1,336 in the previous month. Earnings, however, increased in September and the average wage rose \$416 compared with \$400 in August and \$395 in September, 1954.

Operating revenues for the third quarter were up by 12 p.c. For the nine months ended September 30, revenues amounted to \$42,169,015 compared with \$30,227,560 in the same period of 1954, an increase of almost 40 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for September 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first nine months of 1955, per table 6	252,845,213
Received into Trunk Lines from other Canadian Pipe Lines	89,771,522
"Net Received" into Canadian Pipe Line Systems	163,073,691
"Net Received" into Trunk Systems per table 1	82,831,640
"Net Received" into Gathering Systems per table 2	80,242,051
Total Delivered out of Systems - all companies -	
during first nine months of 1955, per table 6	251,636,913
Delivered to other Canadian Pipe Lines	90,123,224
"Net Delivered" from Canadian Pipe Line Systems	161,513,689
"Net Delivered" from Trunk Systems per table 1	153,013,848
"Net Delivered" from Gathering Systems per table 2	8,499,841

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to September 30, 1955	80,242,051	
Received into Trunk Systems January 1 to September 30, 1955	204,315,273	284,557,324
Total oil accountable for period		292,978,318
Delivered from Gathering Systems January 1 to September 30, 1955	80,223,096	
Delivered from Trunk Systems January 1 to September 30, 1955	203,125,928	283,349,024
Balance to be accounted for at September 30, 1955		9,629,294
Oil consumed as fuel and losses		148,605
Balance on hand - September 30, 1955		9,480,689
Total Shippers Balances - September 30, 1955	9,031,206	
Total Carriers Balances - September 30, 1955	449,483	

The Interprovincial and Sun Pipe Line Companies operate lines across the St.Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
September, 1954	2,157,306	348,163
August, 1955	2,795,720	399,808
September, 1955	2,978,580	425,359

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	September 1955	August 1955	September 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	23,500,215	25,509,331	18,068,270	204,315,273
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	4,227,920	4,558,003	1,273,683	31,712,111
3. Other pipe lines - Gathering	2,757,925	3,168,916	2,811,586	25,798,767
4. Trunk	7,330,794	8,284,076	5,579,867	63,972,755
5. Net Received (6+7+8)	9,183,576	9,498,336	8,403,134	82,831,640
6. Originating on own trunk lines	3,394,925	3,543,722	4,491,248	31,596,835
7. Received from foreign pipe line connections	5,718,817	5,877,900	3,911,886	49,980,143
8. Received from other carriers (rail & truck)	69,834	76,714	-	1,253,662
9. Total Delivered * (10+11)	23,183,651	25,582,922	17,855,569	203,125,928
10. Less: Delivered to other Canadian trunk lines	6,249,979	6,767,449	3,947,505	50,112,080
11. Net Delivered (12+13+14)	16,933,672	18,815,473	13,908,064	153,013,848
12. Terminated on own trunk lines	12,369,490	13,209,648	10,624,649	113,841,168
13. Delivered to foreign pipe line connections	4,546,002	5,580,642	3,281,807	38,989,950
14. Delivered to other carriers (rail & truck)	18,180	25,183	1,608	182,730

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	September 1955	August 1955	September ^x 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
5. Total Received (16+17)	9,411,196	10,454,921	6,551,730	80,222,096
6. Less: Received from other gathering systems				
7. Net Received (18+19)	9,411,196	10,454,921	6,551,730	80,222,096
8. Originating on own gathering system	9,127,011	10,108,441	6,253,634	78,054,622
9. Received from other carriers (rail & truck)	284,185	346,480	298,096	2,187,429
10. Total Delivered * (21+22+23)	9,404,958	10,492,877	6,554,182	80,223,096
Less: Delivered to other pipe lines -				
11. Own Trunk system	4,227,920	4,558,003	1,273,683	31,712,111
12. Other pipe lines	4,012,474	4,696,102	4,439,987	40,011,144
13. Net Delivered (24+25)	1,164,564	1,238,772	840,512	8,499,841
14. Terminated on gathering systems	958,678	1,037,275	698,489	6,222,119
15. Delivered to other carriers (rail & truck)	205,886	201,497	142,023	1,833,226

Includes natural gasoline and products.
Includes duplications.
Includes natural gasoline.
Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		September	August	September ^x	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,499,113	9,424,313	6,282,851	73,757,823
"	- Trunk	521,960	557,411	1,709,543	5,404,445
Saskatchewan	- Gathering	518,210	623,497	71,291	3,682,999
"	- Trunk	-	624	-	2,722
Manitoba	- Gathering	393,873	407,111	197,588	2,801,229
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,818,526	1,813,687	1,633,340	17,041,217
Quebec (3)	- Trunk	6,843,090	7,126,614	5,060,251	60,383,256
Net Received	- Gathering	9,411,196	10,454,921	6,551,730	80,242,051
" "	- Trunk	9,183,576	9,498,336	8,403,134	82,831,640
" "	- Total	18,594,772	19,953,257	14,954,864	163,073,691

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		September	August	September ^x	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia ⁴	- Trunk	2,821,527	2,836,918	1,373,888	21,659,273
Alberta (1)	- Gathering	1,128,560	1,183,367	768,617	8,008,641
"	- Trunk	447,910	628,345	656,550	5,472,756
Saskatchewan	- Gathering	36,004	55,405	71,895	491,200
"	- Trunk	984,797	1,443,679	1,375,460	11,279,506
Manitoba ⁵	- Trunk	4,059,820	4,988,643	3,869,820	37,327,284
Ontario (2)	- Trunk	2,918,840	3,061,459	2,781,847	27,387,218
Quebec	- Trunk	5,700,778	5,856,429	3,850,499	49,887,811
Net Delivered	- Gathering	1,164,564	1,238,772	840,512	8,499,841
" "	- Trunk	16,933,672	18,815,473	13,908,064	153,013,848
" "	- Total	18,098,236	20,054,245	14,748,576	161,513,689
Including exports to U.S.A. at Sumas, B.C.		1,125,273	1,132,404	-	7,115,753
Including deliveries to U.S. pipe lines, Gretna, Man.		3,420,729	4,448,238	3,281,807	31,874,197

TABLE 5

OPERATING STATISTICS

		September	August	September ^x	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	313,499	338,480	218,473	293,857
Trunk Lines	"	772,788	825,255	595,185	744,051
Total Barrel Miles (Trunk Lines)	Millions	6,608	7,605	5,699	59,292
Average Miles Per Barrel (Trunk Lines)	Miles	285.0	297.3	319.2	291.9
Employees and Earnings (6)					
Average Number (4)	No.	1,292	1,336	1,203	1,255
Total Salaries and Wages	\$	537,432	534,746	474,865	4,543,673
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,638	60,751	52,448	503,308

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6
PIPE LINE STATISTICS, BY COMPANIES
SEPTEMBER, 1955

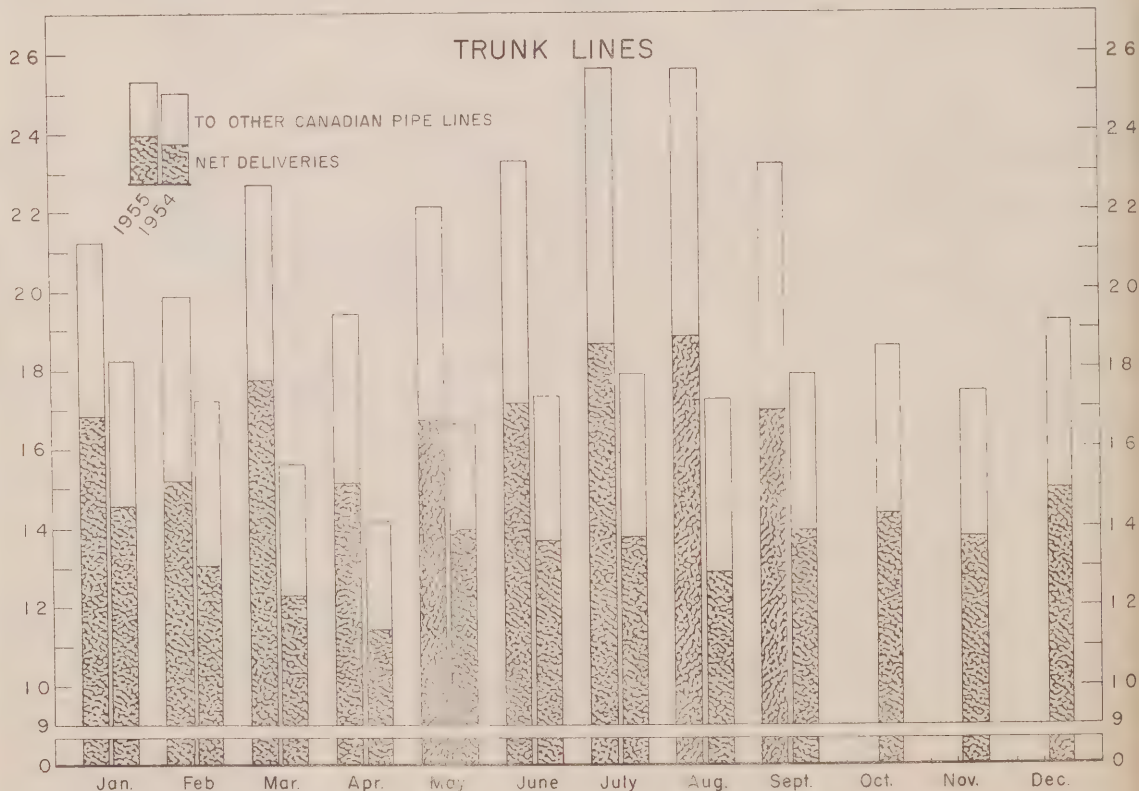
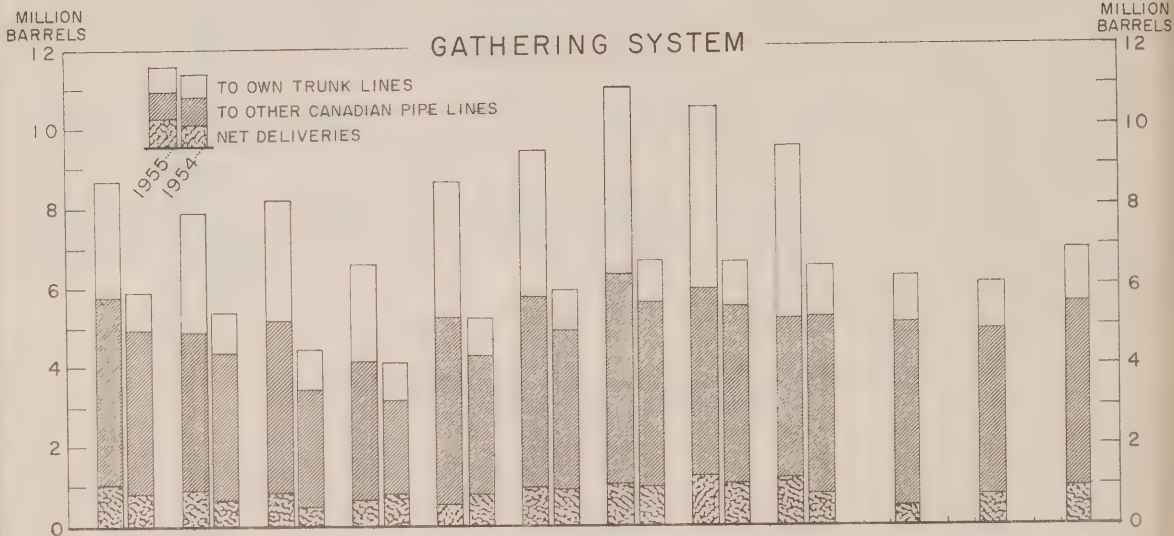
Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (September, 1955)	4,139,908	5,916,881	5,718,817	3,092,687	9,815,198	28,683,491
This year (9 months)	39,090,871	57,958,255	49,980,143	22,338,694	83,477,250	252,845,213
<u>Total Delivered out of System</u>						
This month (September, 1955)	4,111,222	5,998,966	5,700,778	2,821,527	9,728,196	28,360,689
This year (9 months)	39,084,689	57,858,691	49,887,811	21,659,273	83,146,448	251,636,913
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (September, 1955)	137,041	-	-	-	176,458	313,499
This year (9 months)	143,167	-	-	-	150,690	293,857
<u>Trunk Lines</u>						
This month (September, 1955)	-	199,966	190,026	77,751	180,642	772,788
This year (9 months)	-	211,937	182,739	777,138	1,600,000	44,051
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (September, 1955)	-	3,232	3,112	1,902	97	7,743
This year (9 months)	-	31,582	3,007	13,133	8,906	46,628
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (September, 1955)	-	519.0	71.6	64.5	114.8	449.0
This year (9 months)	-	546.0	71.6	67.0	121.8	471.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,004,290	6 12,829,667
Six Months ending June 30, 1955	1,887,472	8,215,347	1,191,341	5,200,000	(7) 6,110,000	6 21,603,899
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	(7) 12,812,820	42,169,015
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (September, 1955)	191	396	61	165	(6) 479	1,292
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (September, 1955)	75,771	171,924	23,064	80,718	(6) 185,955	537,432
This year (9 months)	648,837	1,488,434	195,801	671,944	(6) 1,538,657	4,543,673
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (September, 1955)	24,489	110	2,041	2,042	(6) 29,956	58,638
This year (9 months)	215,512	3,611	14,042	13,159	(6) 256,985	503,308

Totals include duplication between companies.

- 1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Amarex Pipeline Co., Limited; B.A. Saskatchewan Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Crude Oil Pipe Line Company; Canadian Crude Oil Pipe Line Co., Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co., Limited; Imperial Oil Co., Limited; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Ltd.; Niobe Products Pipe Line Division; Key Pipe Line Co. Ltd.; Trans-Prairie Pipe Lines Limited; Saskatchewan Pipe Line Company; Sarnia Products Pipe Line Company, Limited; Sarnia Products Pipe Line Company, Limited; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northwest Pipe Line Company; Valley Pipe Line Company, Limited; and Winnipeg Pipe Line Company, Limited.
- 2) Includes 2,993,728 bbls. products and 50,886 bbls. natural gasoline.
- 3) Includes 27,899,450 bbls. products and 437,574 bbls. natural gasoline.
- 4) Includes 2,970,206 bbls. products and 49,448 bbls. natural gasoline.
- 5) Includes 27,842,094 bbls. products and 437,574 bbls. natural gasoline.
- 6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Amarex Pipeline Co., Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Crude Oil Pipe Line Company, Canadian Crude Oil Pipe Line Co., Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co., Limited, Imperial Oil Co., Limited, Key Pipe Line Co., Limited, Mid-Saskatchewan Pipe Lines Ltd., Niobe Products Pipe Line Division, Key Pipe Line Co. Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, Sarnia Products Pipe Line Company, Limited, Sarnia Products Pipe Line Company, Limited, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northwest Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- 7) Excludes Anglo American Exploration Company, Green River Exploration Company, and Imperial Oil Co., Limited.

* Revised

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 5, No. 10

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

OCTOBER, 1955.

Canadian pipe lines recorded a net delivery of 19,926,454 barrels in October, only slightly below the record of 20,054,245 barrels reached in August. This was an average of 642,789 barrels per day as compared with 603,275 in September and 480,045 in October last year.

For the ten months ended October 31, net deliveries amounted to 181,440,143 barrels compared with 142,045,332 for the same period of 1954, an increase of 28 p.c. Of this total, refinery products accounted for 31,176,165 barrels in 1955 against 26,585,678 barrels in the previous year. Provincial deliveries for the ten months were as follows (1954 data in brackets): British Columbia 24,227,134 barrels (11,158,737); Alberta 15,142,919 (13,597,923); Saskatchewan 12,989,591 (12,152,399); Manitoba 42,809,779 (34,576,115); Ontario 30,646,070 (26,390,231); and Quebec 55,624,650 (44,169,927). Manitoba deliveries included 36,731,430 barrels (28,927,990) transferred to the Lakehead Pipe Line Company at Gretna. Of this, a total of 3,212,646 barrels (1,369,585) was exported to the United States while the remainder returned to Canada at Sarnia.

Net receipts for the month totalled 20,512,249 barrels, almost 32 p. c. above the October 1954 figure of 15,577,508. October receipts included 10,419,081 barrels of Alberta crude and 55,922 of Alberta natural gasoline, 593,771 barrels of Saskatchewan crude, 428,862 of Manitoba crude, 5,670,536 of imported crude and 3,344,077 barrels of refinery products.

Both gathering systems and trunk lines handled more oil than in the previous month. Gathering systems delivered an average of 354,438 barrels per day against 313,499 in September while trunk lines handled a daily average of 828,647 barrels against 772,788 in September. Barrel miles rose by 16 p.c. to 7,675 million and the average haul increased from 285 miles in September to 298.8 in the month under review. Total salaries and wages increased from \$537,432 to \$540,097 for an increase of 9 in the number of employees.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for September 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-105

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first ten months of 1955, per table 6	285,053,778
Received into Trunk Lines from other Canadian Pipe Lines	101,467,838
"Net Received" into Canadian Pipe Line Systems	183,585,940
"Net Received" into Trunk Systems per table 1	92,374,631
"Net Received" into Gathering Systems per table 2	91,211,309
Total Delivered out of Systems - all companies - during first ten months of 1955, per table 6	283,240,833
Delivered to other Canadian Pipe Lines	101,800,690
"Net Delivered" from Canadian Pipe Line Systems	181,440,143
"Net Delivered" from Trunk Systems per table 1	171,912,594
"Net Delivered" from Gathering Systems per table 2	9,527,549

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for October and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1955

	Barrels	
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to October 31, 1955	91,211,309	
Received into Trunk Systems January 1 to October 31, 1955	230,626,285	321,837,594
Total oil accountable for period		330,258,588
Delivered from Gathering Systems January 1 to October 31, 1955	91,210,674	
Delivered from Trunk Systems January 1 to October 31, 1955	228,813,975	320,024,649
Balance to be accounted for at October 31, 1955		10,233,939
Oil consumed as fuel and losses		192,421
Balance on hand - October 31, 1955		10,041,518
Total Shippers Balances - October 31, 1955	9,563,242	
Total Carriers Balances - October 31, 1955	478,275	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States to Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
October, 1954	2,919,363	506,417
September, 1955	2,978,580	425,359
October, 1955	2,979,303	480,340

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	OCTOBER 1955	SEPTEMBER 1955	OCTOBER 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	26,311,012	23,500,215	19,239,753	230,626,285
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,071,705	4,227,920	1,151,559	36,783,816
3. Other pipe lines - Gathering	3,211,975	2,757,925	2,587,282	29,010,742
4. Trunk	8,484,341	7,330,794	6,239,914	72,457,096
5. <u>Net Received (6+7+8)</u>	9,542,991	9,183,576	9,260,998	92,374,631
6. Originating on own trunk lines	3,756,587	3,394,925	4,236,343	35,353,422
7. Received from foreign pipe line connections	5,670,536	5,718,817	5,024,655	55,650,679
8. Received from other carriers (rail & truck)	115,868	69,834	-	1,370,530
9. <u>Total Delivered * (10+11)</u>	25,688,047	23,183,651	18,553,335	228,813,975
10. Less: Delivered to other Canadian trunk lines	6,789,301	6,249,979	4,219,151	56,901,381
11. <u>Net Delivered (12+13+14)</u>	18,898,746	16,933,672	14,334,184	171,912,594
12. Terminated on own trunk lines	12,595,670	12,369,490	11,214,346	126,436,838
13. Delivered to foreign pipe line connections	6,280,844	4,546,002	3,118,370	45,270,794
14. Delivered to other carriers (rail & truck)	22,232	18,180	1,468	204,962

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

	OCTOBER 1955	SEPTEMBER 1955	OCTOBER X 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,969,258	9,411,196	6,316,510	91,211,309
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,969,258	9,411,196	6,316,510	91,211,309
18. Originating on own gathering system	10,577,168	9,127,011	5,915,658	88,631,790
19. Received from other carriers (rail & truck)	392,090	284,185	400,852	2,579,519
20. <u>Total Delivered * (21+22+23)</u>	10,987,578	9,404,958	6,280,179	91,210,674
Less: Delivered to other pipe lines -				
1. Own Trunk system	5,071,705	4,227,920	1,151,559	36,783,816
2. Other pipe lines	4,888,165	4,012,474	4,581,400	44,899,309
3. <u>Net Delivered (24+25)</u>	1,027,708	1,164,564	547,220	9,527,549
4. Terminated on gathering systems	838,270	958,678	405,707	7,504,885
5. Delivered to other carriers (rail & truck)	189,438	205,886	141,513	2,022,664

^f Includes natural gasoline and products.

* Includes duplications.

^f Includes natural gasoline.

X Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,948,109	8,499,113	6,031,644	83,705,932
"	- Trunk	601,464	521,960	1,585,139	6,005,909
Saskatchewan	- Gathering	592,287	518,210	48,032	4,275,286
"	- Trunk	1,484	-	-	4,206
Manitoba	- Gathering	428,862	393,873	236,834	3,230,091
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,019,931	1,818,526	1,600,890	19,061,148
Quebec (3)	- Trunk	6,920,112	6,843,090	6,074,969	67,303,368
Net Received	- Gathering	10,969,258	9,411,196	6,316,510	91,211,309
" "	- Trunk	9,542,991	9,183,576	9,260,998	92,374,631
" "	- Total	20,512,249	18,594,772	15,577,508	183,585,940

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1955	1955	1954	1955
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,567,861	2,821,527	1,257,115	24,227,134
Alberta (1)	- Gathering	990,846	1,128,560	490,513	8,999,487
"	- Trunk	670,676	447,910	555,278	6,143,432
Saskatchewan	- Gathering	36,862	36,004	56,707	528,062
"	- Trunk	1,182,023	984,797	1,362,652	12,461,529
Manitoba	- Trunk	5,482,495	4,059,820	3,495,156	42,809,779
Ontario (2)	- Trunk	3,258,852	2,918,840	2,647,485	30,646,070
Quebec	- Trunk	5,736,839	5,700,778	5,016,498	55,624,650
Net Delivered	- Gathering	1,027,708	1,164,564	547,220	9,527,549
" "	- Trunk	18,898,746	16,933,672	14,334,184	171,912,594
" "	- Total	19,926,454	18,098,236	14,881,404	181,440,143
✂ Including exports to U.S.A. at Sumas, B.C.		1,423,611	1,125,273	281,657	8,539,364
✂ Including deliveries to U.S. pipe lines, Gretna, Man.		4,857,233	3,420,729	2,836,713	36,731,430

TABLE 5

OPERATING STATISTICS

		OCTOBER	SEPTEMBER	OCTOBER X	YEAR TO DATE
		1955	1955	1954	1955
Barrels Handled - Daily Average					
Gathering Systems	Barrels	354,438	313,499	202,586	300,232
Trunk Lines	"	828,647	772,788	598,494	752,678
Total Barrel Miles (Trunk Lines)	Millions	7,675	6,608	5,327	66,967
Average Miles Per Barrel (Trunk Lines)	Miles	298.8	285.0	287.1	292.7
Employees and Earnings (6)					
Average Number (4)	No.	1,301	1,292	1,187	12,592
Total Salaries and Wages	\$	540,097	537,432	463,516	5,083,770
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,005	58,638	51,624	562,313

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

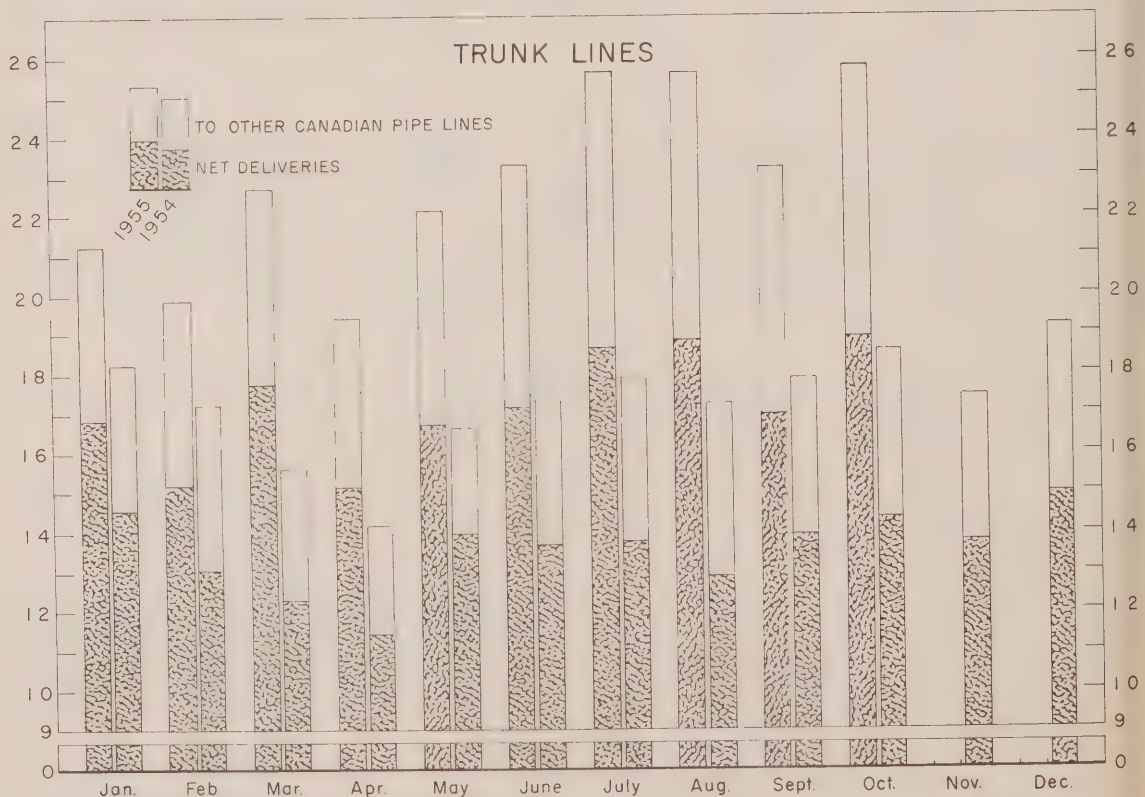
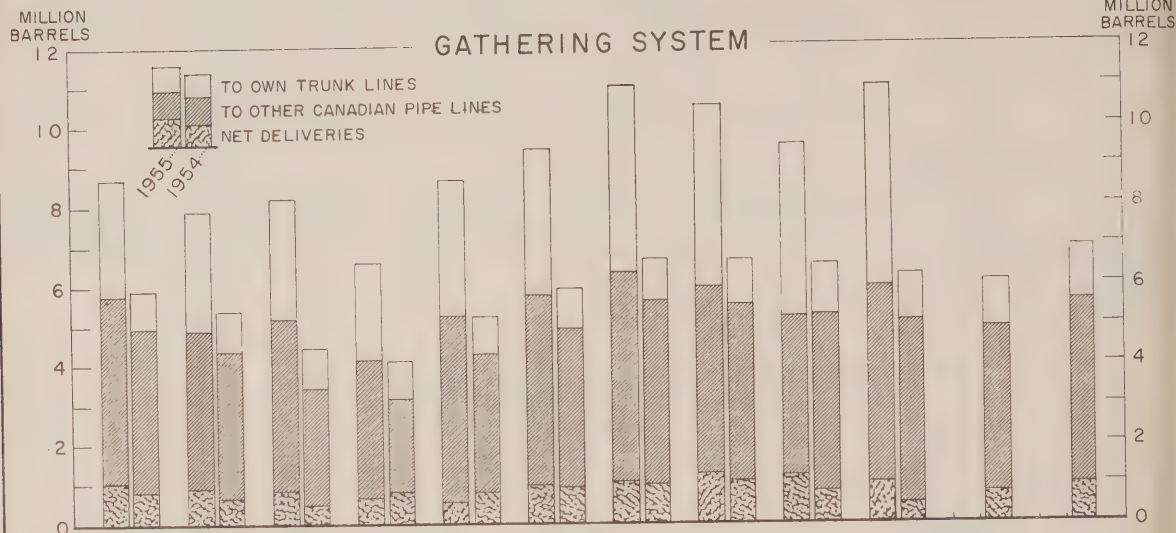
OCTOBER, 1 9 5 5

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>					(2)	
This month (October, 1955)	4,737,043	7,593,202	5,670,536	2,978,952	(3) 11,228,831	32,208,565
This year (10 months)	43,827,914	65,551,457	55,650,679	25,317,646	94,706,082	285,053,778
<u>Total Delivered out of System</u>					(4)	
This month (October, 1955)	4,764,091	7,403,383	5,736,839	2,567,861	(5) 11,131,746	31,603,920
This year (10 months)	43,848,780	65,262,074	55,624,650	24,227,134	94,278,195	283,240,833
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (October, 1955)	153,680	-	-	-	200,758	354,438
This year (10 months)	144,239	-	-	-	155,993	300,232
<u>Trunk Lines</u>						
This month (October, 1955)	-	238,819	185,059	82,834	321,935	828,647
This year (10 months)	-	214,678	182,976	79,695	275,329	752,678
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (October, 1955)	-	4,318	423	1,767	1,167	7,675
This year (10 months)	-	35,900	4,092	16,902	10,073	66,967
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (October, 1955)	-	583.0	73.7	688.0	117.0	298.8
This year (10 months)	-	550.0	73.6	698.0	120.4	292.7
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,004,290	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,118,496	26,631,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	(7) 12,812,820	42,169,015
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (October 1955)	191	394	51	169	(6) 496	1,301
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (October, 1955)	73,425	169,426	21,440	78,631	(6) 197,175	540,097
This year (10 months)	722,262	1,657,860	217,241	750,575	(6) 1,735,832	5,083,770
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (October, 1955)	23,672	212	955	1,567	(6) 32,599	59,005
This year (10 months)	239,184	3,822	14,997	14,726	(6) 289,584	562,313

Totals include duplication between companies.

-) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatoon Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
-) Includes 3,344,077 bbls. products and 55,922 bbls. natural gasoline.
-) Includes 31,243,527 bbls. products and 493,496 bbls. natural gasoline.
-) Includes 3,334,071 bbls. products and 51,963 bbls. natural gasoline.
-) Includes 31,176,165 bbls. products and 484,789 bbls. natural gasoline.
-) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.
-) Excludes Anglo American Exploration Company, Green River Exploration Company, and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



. 5, No. 11

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

NOVEMBER, 1955

Deliveries of oil from Canadian pipe lines reached a new high in November with net delivery of 684,961 barrels per day, 6 per cent above the August record of 646,911 and 10 per cent above the October average of 642,789 barrels. Total net deliveries for the month amounted to 20,548,841 barrels compared with a total of 14,525,465 barrels in the corresponding month of last year, an increase of 41 per cent.

For the eleven months ended November 30 net deliveries totalled 201,988,984 barrels as against 156,570,797 in the same period of 1954. Provincial deliveries for the period were as follows (1954 data in brackets): British Columbia 27,200,557 barrels (22,628,072); Alberta 16,790,576 (14,948,232); Saskatchewan 14,055,876 (13,256,597); Manitoba 48,236,720 (37,732,733); Ontario 34,074,105 (29,308,371) and Quebec 61,631,150 (53,696,792). Manitoba deliveries included 41,555,187 barrels (31,523,343) transferred to the Lakehead Pipe Line Company at Gretna, for transport through the United States. Of this, 13,330,225 barrels (1,458,912) was for export while the remainder returned to Canada at Sarnia. British Columbia deliveries included 9,821,393 barrels (631,484) exported via the Trans Mountain line.

Net receipts for the month amounted to 20,776,376 barrels compared with 19,960,532 in November, 1954, an increase of 39 per cent. The month's receipts included 12,222,579 barrels of Alberta crude and 63,830 of Alberta natural gasoline, 544,282 of Saskatchewan crude, 404,347 of Manitoba crude, 6,012,795 barrels of imported crude and 5,528,543 barrels of refinery products.

Gathering systems handled an average of 356,322 barrels per day compared with 344,438 in October while trunk lines delivered an average of 884,610 barrels per day, some 10,000 above the October average of 828,647 barrels. Barrel miles reached a new high at 952 million compared with 7,675 in October but the average haul at 299.6 miles showed little change. Employment rose from 1,301 to 1,314 with a corresponding wage increase from \$540,097 in October to \$546,669 in the month under review.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Note: Data for November 1954 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4-508-115

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eleven months of 1955, per table 6	317,437,432
Received into Trunk Lines from other Canadian Pipe Lines	113,075,116
"Net Received" into Canadian Pipe Line Systems	204,362,316
"Net Received" into Trunk Systems per table 1	102,399,128
"Net Received" into Gathering Systems per table 2	101,963,188
 Total Delivered out of Systems - all companies -	
during first eleven months of 1955, per table 6	315,392,084
Delivered to other Canadian Pipe Lines	113,403,100
"Net Delivered" from Canadian Pipe Line Systems	201,988,984
"Net Delivered" from Trunk Systems per table 1	191,524,752
"Net Delivered" from Gathering Systems per table 2	10,464,232

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for November and are given herewith:

OIL BALANCE - ALL COMPANIES - November, 1955

		Barrels
Total Shippers Balances - January 1, 1955	8,041,597	
Total Carriers Balances - January 1, 1955	379,397	8,420,994
Received into Gathering Systems January 1 to November 30, 1955	101,963,188	
Received into Trunk Systems January 1 to November 30, 1955	257,334,772	359,297,960
 Total oil accountable for period		367,718,954
Delivered from Gathering Systems January 1 to November 30, 1955	101,900,328	
Delivered from Trunk Systems January 1 to November 30, 1955	255,352,284	357,252,612
 Balance to be accounted for at November 30, 1955		10,466,342
Oil consumed as fuel and losses		237,774
Balance on hand - November 30, 1955		10,228,568
Total Shippers Balances - November 30, 1955	9,837,294	
Total Carriers Balances - November 30, 1955	391,274	

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
November, 1954	2,691,846	481,028
October, 1955	2,979,303	480,340
November, 1955	2,566,064	367,500

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	November 1955	October 1955	November x 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	26,708,487	26,311,012	17,907,136	257,334,772
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,076,712	5,071,705	1,172,849	41,860,528
3. Other pipe lines - Gathering	2,998,818	3,211,975	2,431,284	32,009,560
4. Trunk	8,608,460	8,484,341	5,392,854	81,065,556
5. <u>Net Received (6+7+8)</u>	10,024,497	9,542,991	8,910,149	102,399,128
6. Originating on own trunk lines	3,919,513	3,756,587	4,366,510	39,272,935
7. Received from foreign pipe line connections	6,012,795	5,670,536	4,543,639	61,663,474
8. Received from other carriers (rail & truck)	92,189	115,868	-	1,462,719
9. <u>Total Delivered * (10+11)</u>	26,538,309	25,688,047	17,435,880	255,352,284
10. Less: Delivered to other Canadian trunk lines	6,926,151	6,789,301	3,675,115	63,827,532
11. <u>Net Delivered (12+13+14)</u>	19,612,158	18,898,746	13,760,765	191,524,752
12. Terminated on own trunk lines	13,471,294	12,595,670	10,813,050	139,908,132
13. Delivered to foreign pipe line connections	6,105,786	6,280,844	2,945,180	51,376,580
14. Delivered to other carriers (rail & truck)	35,078	22,232	2,535	240,040

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	November 1955	October 1955	November x 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,751,879	10,969,258	6,050,383	101,963,188
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,751,879	10,969,258	6,050,383	101,963,188
18. Originating on own gathering system	10,396,547	10,577,168	5,622,156	99,028,337
19. Received from other carriers (rail & truck)	355,332	392,090	428,227	2,934,851
20. <u>Total Delivered * (21+22+23)</u>	10,689,654	10,987,578	6,054,828	101,900,328
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,076,712	5,071,705	1,172,849	41,860,528
22. Other pipe lines	4,676,259	4,888,165	4,117,279	49,575,568
23. <u>Net Delivered (24+25)</u>	936,683	1,027,708	764,700	10,464,232
24. Terminated on gathering systems	769,644	838,270	689,617	8,274,529
25. Delivered to other carriers (rail & truck)	167,039	189,438	75,083	2,189,703

✓ Includes natural gasoline and products.

* Includes duplications.

✓ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,803,701	9,948,109	5,743,804	93,509,633
"	- Trunk	576,599	601,464	1,449,048	6,582,508
Saskatchewan	- Gathering	543,831	592,287	81,918	4,819,117
"	- Trunk	451	1,484	-	4,657
Manitoba	- Gathering	404,347	428,862	224,661	3,634,438
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,135,026	2,019,931	1,765,536	21,196,174
Quebec (3)	- Trunk	7,312,421	6,920,112	5,695,565	74,615,789
Net Received	- Gathering	10,751,879	10,969,258	6,050,383	101,963,188
" "	- Trunk	10,024,497	9,542,991	8,910,149	102,399,128
" "	- Total	20,776,376	20,512,249	14,960,532	204,362,316

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,973,423	2,567,861	1,469,335	27,200,557
Alberta (1)	- Gathering	901,196	990,846	751,481	9,900,683
"	- Trunk	746,461	670,676	598,828	6,889,893
Saskatchewan	- Gathering	35,487	36,862	13,219	563,549
"	- Trunk	1,030,798	1,182,023	1,090,979	13,492,327
Manitoba	- Trunk	5,426,941	5,482,495	3,156,618	48,236,720
Ontario (2)	- Trunk	3,428,035	3,258,852	2,918,140	34,074,105
Quebec	- Trunk	6,006,500	5,736,839	4,526,865	61,631,150
Net Delivered	- Gathering	936,683	1,027,708	764,700	10,464,232
" "	- Trunk	19,612,158	18,898,746	13,760,765	191,524,752
" "	- Total	20,548,841	19,926,454	14,525,465	201,988,984
✕ Including exports to U.S.A. at Sumas, B.C.		1,282,029	1,423,611	349,827	9,821,393
✕ Including deliveries to U.S. pipe lines, Gretna, Man.		4,823,757	4,857,233	2,595,353	41,555,187

TABLE 5

OPERATING STATISTICS

		November 1 9 5 5	October 1 9 5 5	November x 1 9 5 4	YEAR TO DATE 1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	356,322	354,438	201,827	305,091
Trunk Lines	"	884,610	828,647	581,196	764,528
Total Barrel Miles (Trunk Lines)	Millions	7,952	7,675	5,063	74,919
Average Miles Per Barrel (Trunk Lines)	Miles	299.6	298.8	290.4	293.0
Employees and Earnings (6)					
Average Number (4)	No.	1,314	1,301	1,169	1,264
Total Salaries and Wages	\$	546,669	540,097	465,228	5,630,439
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,120	59,005	48,431	620,433

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

NOVEMBER, 1955

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
AFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (November, 1955)	4,583,831	7,467,728	6,012,795	3,153,722	11,165,578(2)	32,383,654
This year (11 months)	48,411,745	73,019,185	61,663,474	28,471,368	105,871,660(3)	317,437,432
<u>Total Delivered out of System</u>						
This month (November, 1955)	4,532,984	7,466,587	6,006,500	2,973,423	11,171,757(4)	32,151,251
This year (11 months)	48,381,764	72,728,661	61,631,150	27,200,557	105,449,952(5)	315,392,084
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (November, 1955)	151,099	-	-	-	205,223	356,322
This year (11 months)	144,856	-	-	-	160,235	305,091
<u>Trunk Lines</u>						
This month (November, 1955)	-	248,886	200,217	99,114	336,393	884,610
This year (11 months)	-	217,750	184,524	81,439	280,815	764,528
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>Trunk Lines - in millions</u>						
This month (November, 1955)	-	4,253	442	2,067	1,190	7,952
This year (11 months)	-	40,153	4,534	18,969	11,263	74,919
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (November, 1955)	-	570.0	73.7	695.0	117.8	299.6
This year (11 months)	-	552.0	73.6	697.0	120.1	293.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	4,004,290 ⁽⁷⁾	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	8,118,496 ⁽⁷⁾	26,631,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	12,812,820 ⁽⁷⁾	42,169,015
Twelve Months ending Dec. 31, 1955						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (November, 1955)	196	390	52	172	504	1,314
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (November, 1955)	75,736	166,536	21,275	79,981	203,141	546,669
This year (11 months)	797,998	1,824,396	238,516	830,556	1,938,973	5,630,439
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (November, 1955)	22,326	299	1,128	2,014	32,353	58,120
This year (11 months)	261,510	4,121	16,125	16,740	321,937	620,433

* Totals include duplication between companies.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Irbson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

includes 3,528,543 bbls. products and 63,830 bbls. natural gasoline.

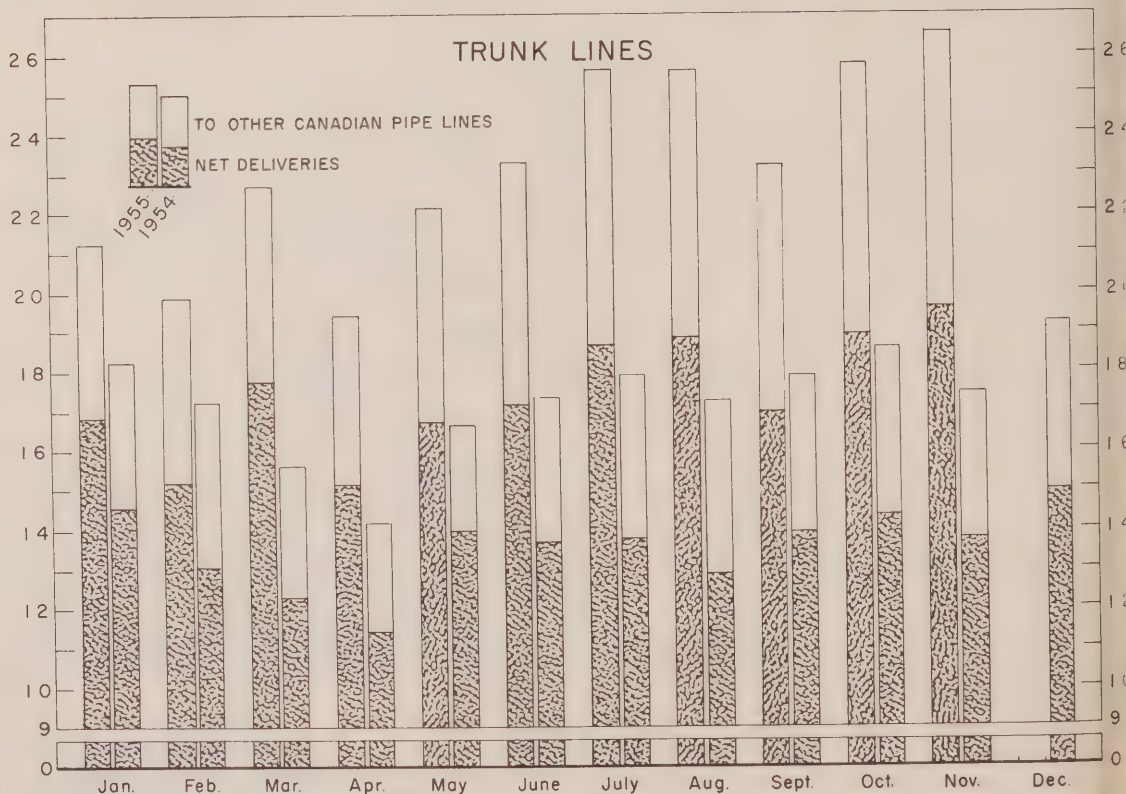
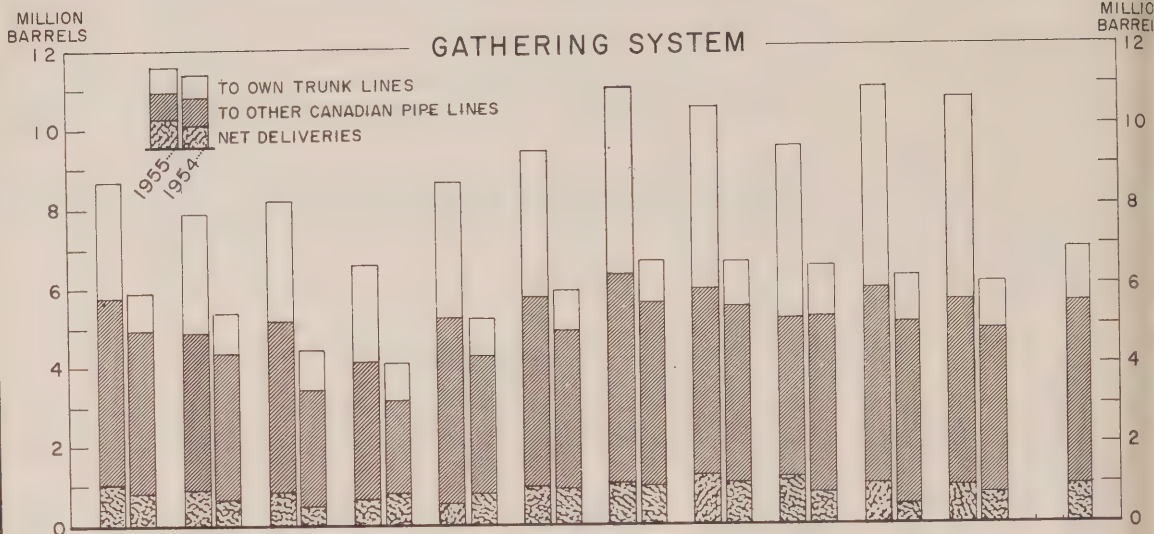
includes 34,772,070 bbls. products and 557,326 bbls. natural gasoline.

includes 3,521,909 bbls. products and 62,491 bbls. natural gasoline.

includes 34,698,074 bbls. products and 547,280 bbls. natural gasoline.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.

includes Anglo American Exploration Company, Green River Exploration Company, and Sarnia Products Line.

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OTTAWA - CANADA

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Memorandum

5, No. 12

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

DECEMBER, 1955

Oil deliveries from Canadian pipe lines established a new record in December with an average net delivery of 716,593 barrels per day. This was 31,371 barrels above the November record of 685,222 and 202,879 barrels or 39 p.c. above the daily average of 67,144 recorded in December last year. Net deliveries for the month amounted to 22,214,566 barrels, 8 p.c. above the November delivery of 20,556,669.

For the twelve months ended December 31 net deliveries totalled 224,274,768 barrels compared with 172,495,935 in 1954. Deliveries of the Trans Mountain Oil Pipe Line Company more than doubled, amounting to 30,718,142 barrels in 1955 compared with 14,566,437 the previous year. The Montreal Pipe Line Company recorded deliveries of 67,691,018 barrels during 1955 as against 53,323,422 in 1954, up 27 p.c., while the Interprovincial Pipe Line Company rose by 24 p.c. to 80,701,123 barrels from 64,913,394 in 1954. Provincial deliveries for the twelve months were as follows (1954 data in brackets): British Columbia 718,142 (14,566,334); Alberta 18,518,740 (16,452,608); Saskatchewan 15,543,202 (14,191,691); Manitoba 53,909,645 (41,519,892); Ontario 37,894,021 (32,441,988); and Quebec 67,691,018 (53,323,422). Manitoba deliveries included transfers of oil from the Interprovincial system to the Lakehead Pipe Line Company at the United States border amounting to 46,395,093 barrels (34,776,583). Of this, 5,246,832 barrels (1,663,758) was exported while the remainder returned to Canada at Sarnia. Exports via the Trans Mountain Pipe Line totalled 11,408,992 barrels for the year compared with 953,403 in 1954.

Refinery products delivered during the year rose to 38,607,751 barrels from 37,043,378 in 1954, an increase of 18 p.c. Of this total, refined gasoline accounted for 19,730,914 barrels (19,910,966), distillate fuels for 13,478,675 (9,782,157) and refined kerosene and other products for 3,398,162 (2,958,618).

Net receipts during the month of December totalled 21,370,443 barrels compared with 16,451,209 in December 1954, an increase of 30 p.c. Included in the month's receipts were 10,386,073 barrels of Alberta crude, 63,932 barrels of Alberta natural gasoline, 14,268 of Saskatchewan crude, 422,285 of Manitoba crude, 6,018,276 barrels of imported crude oil and 3,877,609 barrels of refinery products.

Gathering systems handled an average of 354,319 barrels per day in December compared with 356,582 barrels in November. Trunk lines increased their deliveries to an average of 923,581 barrels per day from 884,610 in November. Barrel miles amounting to 76 million were 826 million above the November record of 7,950. Employment fell off during the month with 1,300 employees against 1,314 in November. Earnings, however, rose to \$565,632 from \$546,669 in the previous month. Earnings for the year averaged \$4,890 as against \$4,644 in 1954, an increase of 5 p.c.

Note: Data for November 1955 revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4-508-125

Operating revenues rose from \$15,543,021 in the third quarter of 1955 to \$16,778,228 in the last quarter. This was 8 p.c. above the corresponding period of 1954. For the twelve months ended December 31, operating revenues totalled \$58,952,816 compared with 41,765,773 in 1954, an increase of 41 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	351,005,796
during twelve months of 1955, per table 6	125,200,541
Received into Trunk Lines from other Canadian Pipe Lines	225,805,255
"Net Received" into Canadian Pipe Line Systems	112,780,047
"Net Received" into Trunk Systems per table 1	113,025,208
"Net Received" into Gathering Systems per table 2	
Total Delivered out of Systems - all companies -	349,808,861
during twelve months of 1955, per table 6	125,534,093
Delivered to other Canadian Pipe Lines	224,274,768
"Net Delivered" from Canadian Pipe Line Systems	212,828,540
"Net Delivered" from Trunk Systems per table 1	11,446,228
"Net Delivered" from Gathering Systems per table 2	

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for December and are given herewith:

OIL BALANCE - ALL COMPANIES - DECEMBER, 1955

	Barrels
Total Shippers Balances - January 1, 1955	8,041,597
Total Carriers Balances - January 1, 1955	379,397
Received into Gathering Systems January 1 to December 31, 1955	113,025,208
Received into Trunk Systems January 1 to December 31, 1955	285,110,621
	398,135,829
Total oil accountable for period	406,556,823
Delivered from Gathering Systems January 1 to December 31, 1955	112,955,614
Delivered from Trunk Systems January 1 to December 31, 1955	283,983,280
	396,938,894
Balance to be accounted for at December 31, 1955	9,617,929
Oil consumed as fuel and losses	305,308
Balance on hand - December 31, 1955	9,312,621
Total Shippers Balances - December 31, 1955	8,937,210
Total Carriers Balances - December 31, 1955	375,411

The Interprovincial and Sun Pipe Line Companies operate lines across the St. Clair River from the United States at Sarnia. The limited nature of their domestic operations and the shortness of these lines are such that they have been considered for purposes of this report merely as connections to refinery facilities in Canada and are not included in Canadian oil pipe line statistics. A summary of oil delivered by these pipe lines follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
December, 1954	2,844,338	510,663
November, 1955	2,566,064	367,500
December, 1955	3,336,463	461,391

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	December 1955	November 1955	December 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	27,775,849	26,708,487	19,789,695	285,110,621
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,269,505	5,076,712	1,333,618	47,130,033
3. Other pipe lines - Gathering	2,970,690	2,998,818	2,903,861	34,980,250
4. Trunk	9,154,735	8,608,460	5,986,138	90,220,291
5. Net Received (6+7+8)	10,380,919	10,024,497	9,566,078	112,780,047
6. Originating on own trunk lines	4,269,306	3,919,513	4,919,278	43,542,241
7. Received from foreign pipe line connections	6,018,276	6,012,795	4,646,800	67,681,750
8. Received from other carriers (rail & truck)	93,337	92,189	-	1,556,056
9. Total Delivered * (10+11)	28,630,996	26,538,309	19,203,201	283,983,280
10. Less: Delivered to other Canadian trunk lines	7,327,208	6,926,151	4,227,512	71,154,740
11. Net Delivered (12+13+14)	21,303,788	19,612,158	14,975,689	212,828,540
12. Terminated on own trunk lines	14,840,129	13,471,294	11,391,855	154,748,261
13. Delivered to foreign pipe line connections	6,427,505	6,105,786	3,575,159	57,804,085
14. Delivered to other carriers (rail & truck)	36,154	35,078	8,675	276,194

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	December 1955	November * 1955	December 1954	YEAR TO DATE 1955
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	10,989,524	10,759,708	6,885,131	113,025,208
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	10,989,524	10,759,708	6,885,131	113,025,208
18. Originating on own gathering system	10,576,463	10,404,376	6,433,241	109,677,296
19. Received from other carriers (rail & truck)	413,061	355,332	451,890	3,347,912
20. Total Delivered * (21+22+23)	10,983,899	10,697,482	6,915,911	112,955,614
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,269,505	5,076,712	1,333,618	47,130,033
22. Other pipe lines	4,803,785	4,676,259	4,632,844	54,379,353
23. Net Delivered (24+25)	910,609	944,511	949,449	11,446,228
24. Terminated on gathering systems	749,035	769,644	805,591	9,023,564
25. Delivered to other carriers (rail & truck)	161,574	174,867	143,858	2,422,664

† Includes natural gasoline and products.

* Includes duplications.

† Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		December	November *	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,970,594	9,811,530	6,497,121	103,552,723
"	- Trunk	569,013	576,599	1,787,520	7,151,521
Saskatchewan	- Gathering	596,645	543,831	123,214	5,415,762
"	- Trunk	5,623	451	-	10,280
Manitoba	- Gathering	422,285	404,347	264,796	4,056,723
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,381,711	2,135,026	2,078,455	23,577,885
Quebec (3)	- Trunk	7,424,572	7,312,421	5,700,103	82,040,361
Net Received	- Gathering	10,989,524	10,759,708	6,885,131	113,025,208
" "	- Trunk	10,380,919	10,024,497	9,566,078	112,780,047
" "	- Total	21,370,443	20,784,205	16,451,209	225,805,255

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		December	November *	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,517,585	2,973,423	1,938,262	30,718,142
Alberta (1)	- Gathering	878,014	909,024	924,172	10,850,084
"	- Trunk	778,763	746,461	580,204	7,668,656
Saskatchewan	- Gathering	32,595	35,487	25,277	596,144
"	- Trunk	1,454,731	1,030,798	909,817	14,947,058
Manitoba	- Trunk	5,672,925	5,426,941	3,787,159	53,909,645
Ontario (2)	- Trunk	3,819,916	3,428,035	3,133,617	37,894,021
Quebec	- Trunk	6,059,868	6,006,500	4,626,630	67,691,018
Net Delivered	- Gathering	910,609	944,511	949,449	11,446,228
" "	- Trunk	21,303,788	19,612,158	14,975,689	212,828,540
" "	- Total	22,214,397	20,556,669	15,925,138	224,274,768
Including exports to U.S.A. at Sumas, B.C.		1,587,599	1,282,029	321,919	11,408,992
Including deliveries to U.S. pipe lines, Gretna, Man.		4,839,906	4,823,757	3,253,240	46,395,093

TABLE 5

OPERATING STATISTICS

		December	November *	December	YEAR TO DATE
		1 9 5 5	1 9 5 5	1 9 5 4	1 9 5 5
Barrels Handled - Daily Average					
Gathering Systems	Barrels	354,319	356,582	223,093	309,467
Trunk Lines	"	923,581	884,610	619,458	778,036
Total Barrel Miles (Trunk Lines)	Millions	8,776	7,950	5,881	83,693
Average Miles Per Barrel (Trunk Lines)	Miles	306.5	299.6	306.2	294.7
Employees and Earnings (6)					
Average Number (4)	No.	1,300	1,314	1,166	1,267
Total Salaries and Wages	\$	565,632	546,669	474,165	6,196,071
Man-Hours Worked by Wage Earners (5) (6)	Hours	63,428	58,120	53,808	683,861

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

December, 1955

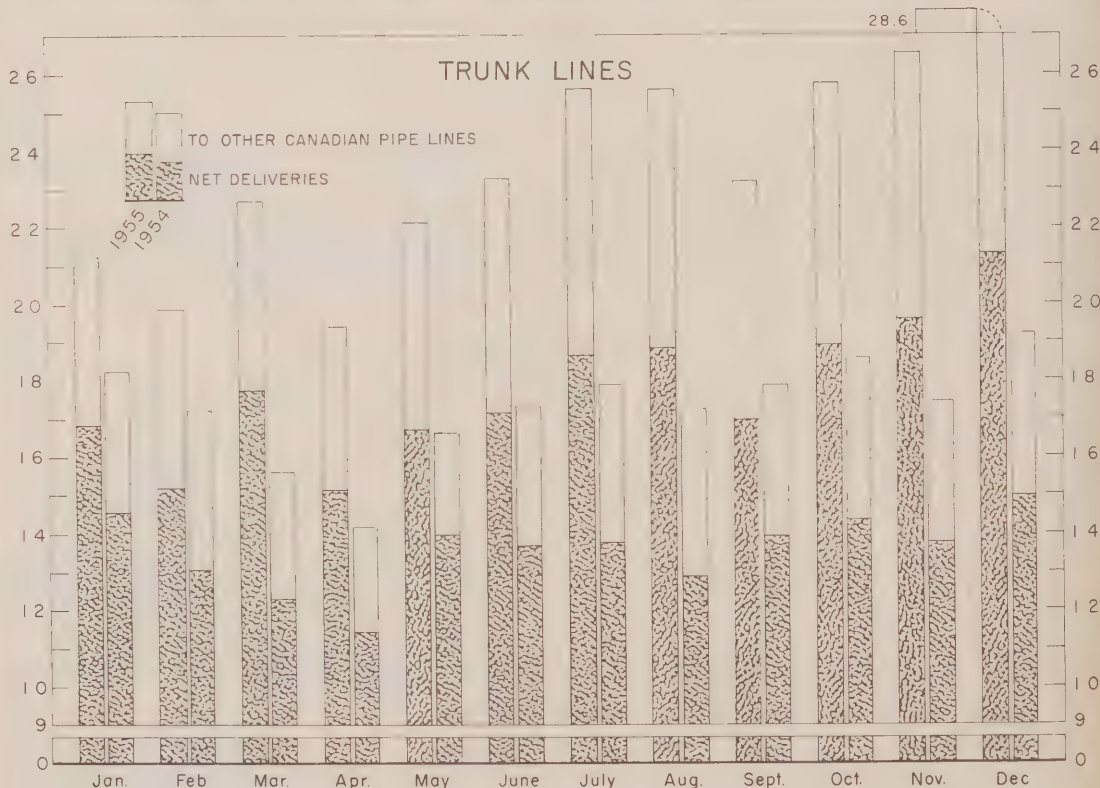
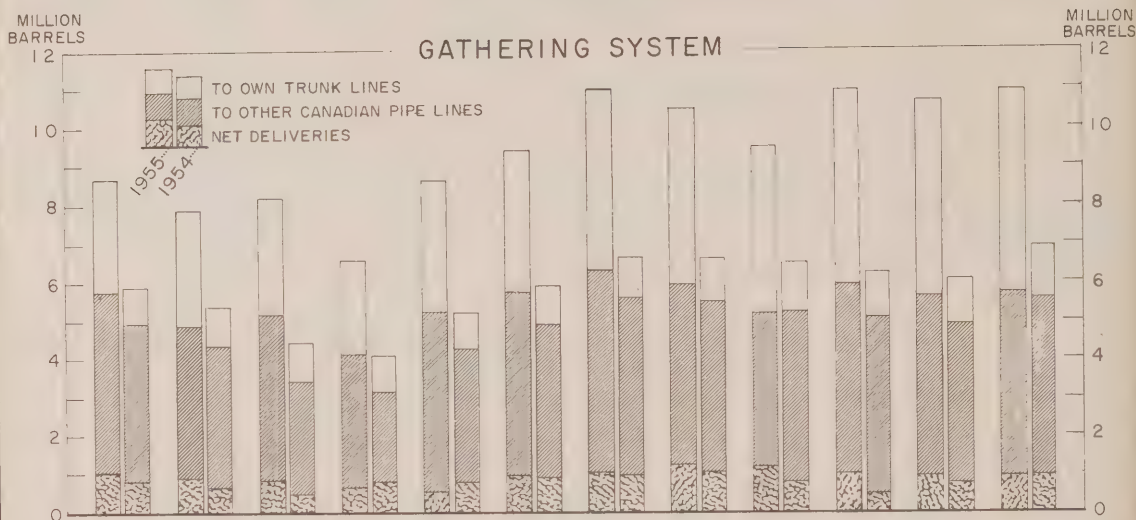
Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (December, 1955)	4,655,143	7,928,411	6,018,276	2,875,029	(2) 12,019,009	33,495,868
This year (12 months)	53,066,888	80,947,596	67,681,750	31,346,397	(3) 117,963,165	351,005,796
<u>Total Delivered out of System</u>						
This month (December, 1955)	4,674,826	7,972,462	6,059,868	3,517,585	(4) 12,120,649	34,345,390
This year (12 months)	53,056,590	80,701,123	67,691,018	30,718,142	(5) 117,641,988	349,808,861
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (December, 1955)	150,801	-	-	-	203,518	354,319
This year (12 months)	145,361	-	-	-	164,106	309,467
<u>Trunk Lines</u>						
This month (December, 1955)	-	257,176	195,480	113,471	357,454	923,581
This year (12 months)	-	221,099	185,455	84,159	287,323	778,036
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (December, 1955)	-	4,623	447	2,438	1,268	8,776
This year (12 months)	-	44,776	4,981	21,407	12,529	83,693
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (December, 1955)	-	580.0	73.7	693.0	114.5	306.5
This year (12 months)	-	555.0	73.6	697.0	119.5	294.7
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1955	969,737	4,345,246	542,496	2,967,898	(7) 4,004,290	12,829,667
Six Months ending June 30, 1955	1,887,471	9,255,047	1,141,931	6,228,624	(7) 8,118,496	26,531,569
Nine Months ending Sept. 30, 1955	2,872,120	14,553,523	1,757,242	10,173,310	(7) 12,818,395	(x) 42,174,590
Twelve Months ending Dec. 31, 1955	3,780,357	20,590,203	2,387,663	14,394,233	(7) 17,800,360	58,952,816
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (December, 1955)	192	376	50	175	(6) 507	1,300
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (December, 1955)	78,821	173,109	20,515	82,570	(6) 210,617	565,632
This year (12 months)	876,819	1,997,505	259,031	913,126	(6) 2,149,590	6,196,071
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (December, 1955)	23,754	256	517	1,949	(6) 36,952	63,428
This year (12 months)	285,264	4,377	16,642	18,689	(6) 358,889	683,861

* Totals include duplication between companies.

x Revised

- Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- Includes 3,877,609 bbls. products and 63,932 bbls. natural gasoline.
- Includes 38,649,679 bbls. products and 621,258 bbls. natural gasoline.
- Includes 3,909,677 bbls. products and 64,470 bbls. natural gasoline.
- Includes 38,607,751 bbls. products and 611,750 bbls. natural gasoline.
- Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.
- Excludes Anglo American Exploration Company, Green River Exploration Company, Mobil Oil of Canada, Ltd., and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1954 AND 1955



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum

01. 6, No. 1-12

(PIPE LINES (OIL) STATISTICS)

Price: \$1.00 per year

JANUARY, 1956 - LIBRARY

Canadian oil pipe lines established a new record during January. Total net deliveries of oil amounted to 22,757,198 barrels as compared with 22,214,397 barrels for the month of December, an increase of 542,801 barrels or 2.4%. The daily average rose to a new high of 734,103 barrels, 27,510 barrels above the previous high of 716,593 for December 1955.

Compared with January 1955, total net deliveries increased by 5,141,169 barrels. Provincial totals for the month were as follows (1955 data in brackets): British Columbia 1,359,440 barrels (2,176,000); Alberta 1,833,425 (1,688,358); Saskatchewan 1,622,781 (1,036,936); Manitoba 5,610,642 (4,103,642); Ontario 3,858,581 (3,316,605) and Quebec 1,472,329 (5,294,488). British Columbia deliveries included 1,517,145 barrels (420,514) exported to the United States. Manitoba deliveries included 4,748,771 barrels (3,516,636) which were delivered to the Lakehead Pipe Line Company at the United States border. Of this 1,433,814 barrels (207,463) were for export, while the remainder returned to Canada at Sarnia.

Net receipts during the month of January totalled 23,071,677 barrels compared with 17,905,803 in January 1955, an increase of 28.9%. Included in the January receipts were 11,431,138 barrels of Alberta crude and 62,948 barrels of Alberta natural gasoline, 88,783 barrels of Saskatchewan crude, 428,718 of Manitoba crude, 6,507,448 of imported crude and 3,952,642 barrels of refinery products.

Gathering systems handled an average of 390,540 barrels per day in January compared with 354,319 in December 1955. Trunk lines increased their deliveries to an average of 53,830 barrels per day from 923,581 in the previous month. Barrel miles amounting to 1,631 million were down by 145 million from the December record of 8,776. Employment increased from 1,300 employees in December to 1,325 in the month under review, but earnings were slightly lower at \$548,020.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Mills, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

34-508-16

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during January 1956, per table 6	36,043,740
Received into Trunk Lines from other Canadian Pipe Lines	12,972,063
"Net Received" into Canadian Pipe Line Systems	23,071,677
"Net Received" into Trunk Systems per table 1	10,993,840
"Net Received" into Gathering Systems per table 2	12,077,837
 Total Delivered out of Systems - all companies - during January 1956, per table 6	 35,747,566
Delivered to other Canadian Pipe Lines	12,990,368
"Net Delivered" from Canadian Pipe Line Systems	22,757,198
"Net Delivered" from Trunk Systems per table 1	21,738,829
"Net Delivered" from Gathering Systems per table 2	1,018,369

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems during January 1956	12,077,837	
Received into Trunk Systems during January 1956	29,893,812	41,971,649
 Total oil accountable for period		51,284,270
Delivered from Gathering Systems during January 1956	12,106,737	
Delivered from Trunk Systems during January 1956	29,568,738	41,675,475
 Balance to be accounted for at January 31, 1956		9,608,795
Oil consumed as fuel and losses		47,543
Balance on hand - January 31, 1956		9,561,252
Total Shippers Balances - January 31, 1956	9,125,575	
Total Carriers Balances - January 31, 1956	435,677	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
January 1955	2,990,150	537,232
December 1955	3,336,463	461,391
January 1956	3,427,322	446,933

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	JANUARY 1956	DECEMBER 1955	JANUARY 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	29,893,812	27,775,849	21,447,355	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,927,909	5,269,505	2,964,766	
3. Other pipe lines - Gathering	3,176,240	2,970,690	2,963,221	
4. Trunk	9,795,823	9,154,735	6,415,817	
5. Net Received (6+7+8)	10,993,840	10,380,919	9,103,551	
6. Originating on own trunk lines	4,343,639	4,269,306	3,796,027	
7. Received from foreign pipe line connections	6,507,448	6,018,276	5,307,524	
8. Received from other carriers (rail & truck)	142,753	93,337	-	
9. Total Delivered * (10+11)	29,568,738	28,630,996	21,244,881	
10. Less: Delivered to other Canadian trunk lines	7,829,909	7,327,208	4,655,488	
11. Net Delivered (12+13+14)	21,738,829	21,303,788	16,589,393	
12. Terminated on own trunk lines	15,440,660	14,840,129	12,631,568	
13. Delivered to foreign pipe line connections	6,265,916	6,427,505	3,937,150	
14. Delivered to other carriers (rail & truck)	32,253	36,154	20,675	

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	JANUARY 1956	DECEMBER 1955	JANUARY 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
Total Received (16+17)	12,077,837	10,989,524	8,802,252	
Less: Received from other gathering systems				
Net Received (18+19)	12,077,837	10,989,524	8,802,252	
20. Originating on own gathering system	11,708,136	10,576,463	8,257,426	
21. Received from other carriers (rail & truck)	369,701	413,061	544,826	
22. Total Delivered * (21+22+23)	12,106,737	10,983,899	8,700,552	
Less: Delivered to other pipe lines -				
23. Own Trunk system	5,927,909	5,269,505	2,964,766	
24. Other pipe lines	5,160,459	4,803,785	4,709,150	
25. Net Delivered (24+25)	1,018,369	910,609	1,026,636	
26. Terminated on gathering systems	825,858	749,035	829,290	
27. Delivered to other carriers (rail & truck)	192,511	161,574	197,346	

Includes natural gasoline and products.
Includes duplications.
Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		JANUARY 1 9 5 6	DECEMBER 1 9 5 5	JANUARY 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,963,910	9,970,594	8,341,280	
"	- Trunk	623,980	569,013	480,884	
Saskatchewan	- Gathering	685,209	596,645	198,095	
"	- Trunk	3,574	5,623	-	
Manitoba	- Gathering	428,718	422,285	262,877	
"	- Trunk	-	-	-	
Ontario (2)	- Trunk	2,416,070	2,381,711	2,215,712	
Quebec (3)	- Trunk	7,950,216	7,424,572	6,406,955	
Net Received	- Gathering	12,077,837	10,989,524	8,802,252	
" "	- Trunk	10,993,840	10,380,919	9,103,551	
" "	- Total	23,071,677	21,370,443	17,905,803	

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		JANUARY 1 9 5 6	DECEMBER 1 9 5 5	JANUARY 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,359,440	3,517,585	2,176,000	
Alberta (1)	- Gathering	909,513	878,014	1,012,355	
"	- Trunk	923,912	778,763	676,003	
Saskatchewan	- Gathering	108,856	32,595	14,281	
"	- Trunk	1,513,925	1,454,731	1,022,655	
Manitoba	- Trunk	5,610,642	5,672,925	4,103,642	
Ontario (2)	- Trunk	3,858,581	3,819,916	3,316,605	
Quebec	- Trunk	6,472,329	6,059,868	5,294,488	
Net Delivered	- Gathering	1,018,369	910,609	1,026,636	
" "	- Trunk	21,738,829	21,303,788	16,589,393	
" "	- Total	22,757,198	22,214,397	17,616,029	
Including exports to U.S.A. at Sumas, B.C.		1,517,145	1,587,599	420,514	
Including deliveries to U.S. pipe lines, Gretna, Man.		4,748,771	4,839,906	3,516,636	

TABLE 5

OPERATING STATISTICS

		JANUARY 1 9 5 6	DECEMBER 1 9 5 5	JANUARY 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	390,540	354,319	280,663	
Trunk Lines	"	953,830	923,581	685,319	
Total Barrel Miles (Trunk Lines)	Millions	8,631	8,776	6,254	
Average Miles Per Barrel (Trunk Lines)	Miles	291.9	306.5	294.4	
Employees and Earnings (6)					
Average Number (4)	No.	1,325	1,300	1,190	
Total Salaries and Wages	\$	548,020	565,632	472,470	
Man-Hours Worked by Wage Earners (5) (6)	Hours	59,355	63,428	50,728	

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

JANUARY, 1 9 5 6

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (January 1956)	5,064,005	8,135,876	6,507,448	3,482,921	(2) 12,853,490	36,043,740
This year						
<u>Total Delivered out of System</u>						
This month (January 1956)	5,079,947	8,025,537	6,472,329	3,359,440	(3) 12,810,313	35,747,566
This year						
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (January 1956)	163,869	-	-	-	226,671	390,540
This year						
<u>Trunk Lines</u>						
This month (January 1956)	-	258,883	208,785	108,369	377,793	953,830
This year						
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (January 1956)	-	4,517	477	2,321	1,316	8,631
This year						
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (January 1956)	-	563.0	73.7	691.0	112.4	291.9
This year						
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (January 1956)	201	373	50	172	(4) 529	1,325
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (January 1956)	77,519	164,111	19,837	80,909	(4) 205,644	548,020
This year						
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (January 1956)	23,044	150	504	1,499	(4) 34,158	59,355
This year						

* Totals include duplication between companies.

(1) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

(2) Includes 3,952,642 bbls. products and 62,948 bbls. natural gasoline.

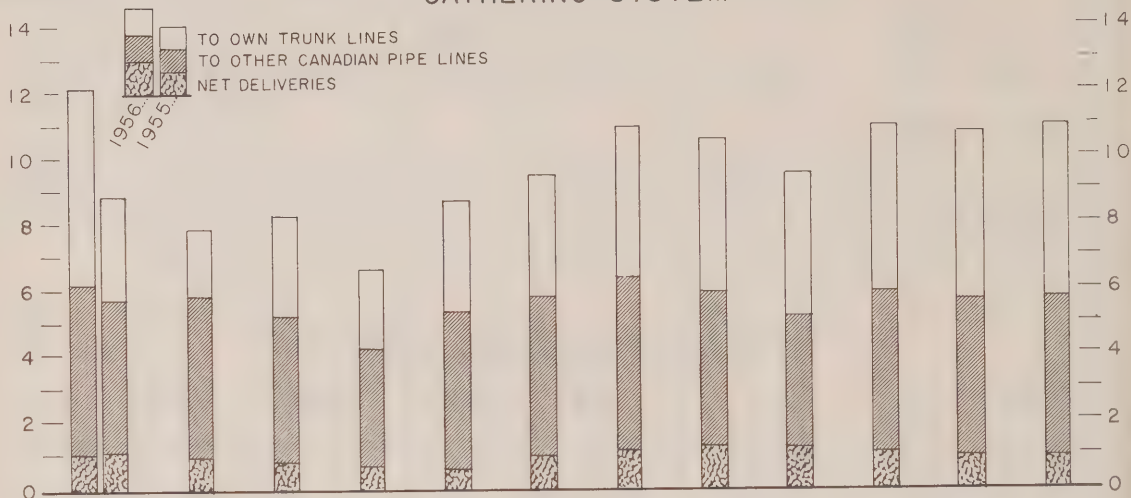
(3) Includes 3,952,260 bbls. products and 62,993 bbls. natural gasoline.

(4) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

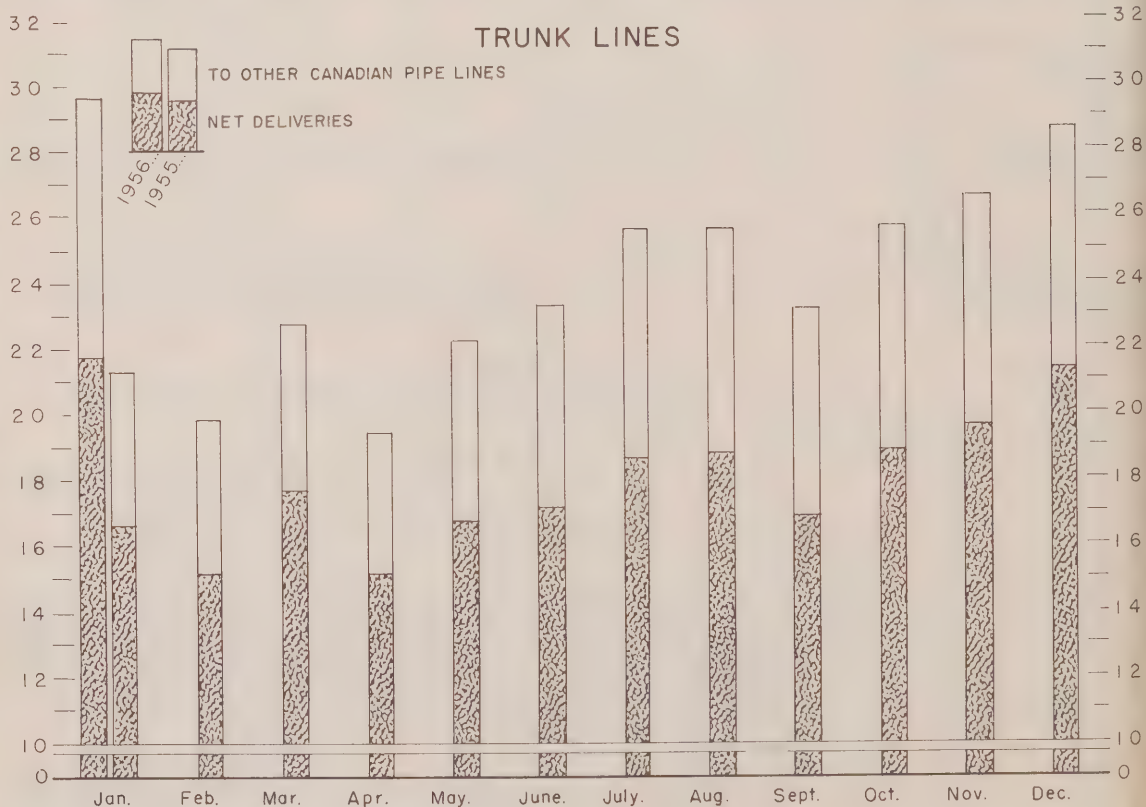
MILLION
BARRELS

GATHERING SYSTEM



MILLION
BARRELS

TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

6, No. 2

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

FEBRUARY, 1956

Oil deliveries from Canadian pipe lines continued upward during the month of February with a net delivery of 753,013 barrels per day compared with the previous record of 610,3 barrels in January 1956. This was an increase of 30.5 p.c. over the February 1955 average of 576,678 barrels per day.

For the two months ending February 29, net deliveries totalled 44,594,563 barrels, against 33,841,876* for the corresponding period last year. Increases were recorded in all provinces as follows (1955 data in brackets): British Columbia 7,124,500 barrels (4,019,254); Alberta 3,406,051 (3,204,271); Saskatchewan 3,028,227 (2,289,418); Manitoba 11,085,932 (8,25,489); Ontario 7,353,671 (6,311,100) and Quebec 12,596,182 (10,292,106). Included in Manitoba deliveries were 9,404,622 barrels (6,534,860) transferred to the Lakehead Pipe Line at Gretna, and 1,681,310 (1,190,629) delivered within the province.

Net receipts for the month of February totalled 22,227,511 barrels compared with 18,295,6 in the same month of 1955. Included in the month's receipts were 11,290,243 barrels of Alberta crude and 57,535 of Alberta natural gasoline, 687,148 barrels of Saskatchewan crude, 423,785 of Manitoba crude, 6,143,820 imported crude and 3,624,980 barrels of refinery products.

Gathering lines handled an average of 413,800 barrels per day against 281,068 in the previous year and trunk lines increased from an average of 110,101 barrels in February 1955 to 1,010,943 in the month under review.

Barrel miles totalled 8,773 million for the month of February, compared with 8,631 million in January and 5,701 in February 1955, an increase of 54 p.c. over the previous year.

Employees numbered 1,344 and earned \$577,962 in February 1956, compared with 1,198 employees earning \$465,117 in the corresponding month last year, a wage increase of almost 25 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Line Company, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Pipe Line Company, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

0-508-26

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first two months of 1956, per table 6	71,643,201
Received into Trunk Lines from other Canadian Pipe Lines	26,344,013
"Net Received" into Canadian Pipe Line Systems	45,299,188
"Net Received" into Trunk Systems per table 1	21,230,883
"Net Received" into Gathering Systems per table 2	24,068,305
Total Delivered out of Systems - all companies -	
during first two months of 1956, per table 6	70,972,800
Delivered to other Canadian Pipe Lines	26,378,237
"Net Delivered" from Canadian Pipe Line Systems	44,594,563
"Net Delivered" from Trunk Systems per table 1	42,687,184
"Net Delivered" from Gathering Systems per table 2	1,907,379

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for February and are given herewith:

OIL BALANCE - ALL COMPANIES - FEBRUARY, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to February 29, 1956	24,068,305	
Received into Trunk Systems January 1 to February 29, 1956	59,595,122	83,663,427
Total oil accountable for period		92,976,048
Delivered from Gathering Systems January 1 to February 29, 1956	24,106,925	
Delivered from Trunk Systems January 1 to February 29, 1956	58,886,101	82,993,026
Balance to be accounted for at February 29, 1956		9,983,022
Oil consumed as fuel and losses		101,994
Balance on hand - February 29, 1956		9,881,028
Total Shippers Balances - February 29, 1956	9,453,795	
Total Carriers Balances - February 29, 1956	427,233	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
February, 1955	2,539,991	462,837
January, 1956	3,427,322	446,933
February, 1956	3,353,651	445,621

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	FEBRUARY 1956	JANUARY 1956	FEBRUARY ^X 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	29,701,310	29,893,812	20,153,761	59,595,122
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,092,317	5,927,909	2,897,335	12,020,226
3. Other pipe lines - Gathering	3,059,166	3,176,240	2,594,924	6,235,406
4. Trunk	10,312,784	9,795,823	6,121,125	20,108,607
5. Net Received (6+7+8)	10,237,043	10,993,840	8,540,377	21,230,883
6. Originating on own trunk lines	3,993,584	4,343,639	3,406,613	8,337,223
7. Received from foreign pipe line connections	6,143,820	6,507,448	4,943,055	12,651,268
8. Received from other carriers (rail & truck)	99,639	142,753	190,709	242,392
9. Total Delivered * (10+11)	29,317,363	29,568,738	19,882,848	58,886,101
10. Less: Delivered to other Canadian trunk lines	8,369,008	7,829,909	4,717,754	16,198,917
11. Net Delivered (12+13+14)	20,948,355	21,738,829	15,165,094	42,687,184
12. Terminated on own trunk lines	14,261,678	13,440,660	11,711,599	29,702,338
13. Delivered to foreign pipe line connections	6,659,795	6,265,916	3,440,987	12,925,711
14. Delivered to other carriers (rail & truck)	26,882	132,253	12,508	59,135

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	FEBRUARY 1956	JANUARY 1956	FEBRUARY ^X 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received (16+17)	11,990,468	12,077,837	7,842,579	24,068,305
2. Less: Received from other gathering systems	-	-	-	-
3. Net Received (18+19)	11,990,468	12,077,837	7,842,579	24,068,305
4. Originating on own gathering system	11,888,117	11,708,136	7,593,991	23,290,253
5. Received from other carriers (rail & truck)	404,351	369,701	248,588	774,052
6. Total Delivered * (21+22+23)	12,000,188	12,106,737	7,869,904	24,106,925
7. Less: Delivered to other pipe lines -				
8. Own Trunk system	6,092,317	5,927,909	2,897,335	12,020,226
9. Other pipe lines	5,018,861	5,160,459	3,990,667	10,179,320
10. Net Delivered (24+25)	889,010	1,018,369	981,902	1,907,379
11. Terminated on gathering systems	713,740	625,858	778,538	1,541,598
12. Delivered to other carriers (rail & truck)	175,270	192,511	203,364	365,781

- * Includes natural gasoline and products.
 X Includes duplications.
 Includes natural gasoline.
 Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		FEBRUARY 1 9 5 6	JANUARY 1 9 5 6	FEBRUARY ^X 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,884,973	10,963,910	7,291,505	21,848,883
"	- Trunk	546,114	623,980	606,325	1,170,094
Saskatchewan	- Gathering	681,710	685,209	298,616	1,366,919
"	- Trunk	5,438	3,574	-	9,012
Manitoba	- Gathering	423,785	428,718	252,458	852,503
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,176,980	2,416,070	1,874,582	4,593,050
Quebec (3)	- Trunk	7,508,511	7,950,216	6,059,470	15,458,727
Net Received	- Gathering	11,990,468	12,077,837	7,842,579	24,068,305
" "	- Trunk	10,237,043	10,993,840	8,540,377	21,230,883
" "	- Total	22,227,511	23,071,677	16,382,956	45,299,188

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		FEBRUARY 1 9 5 6	JANUARY 1 9 5 6	FEBRUARY ^X 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia ¹	- Trunk	3,765,060	3,359,440	1,843,492	7,124,500
Alberta (1)	- Gathering	779,566	909,513	906,682	1,689,079
"	- Trunk	793,060	923,912	609,231	1,716,972
Saskatchewan	- Gathering	109,444	108,856	75,220	218,300
"	- Trunk	1,296,002	1,513,925	1,098,411	2,809,927
Manitoba ²	- Trunk	5,475,290	5,610,642	3,621,847	11,085,932
Ontario (2)	- Trunk	3,495,090	3,858,581	2,994,495	7,353,671
Quebec	- Trunk	6,123,853	6,472,329	4,997,618	12,596,182
Net Delivered	- Gathering	889,010	1,018,369	981,902	1,907,379
" "	- Trunk	20,948,355	21,738,829	15,165,094	42,687,184
" "	- Total	21,837,365	22,757,198	16,146,996	44,594,563
¹ Including exports to U.S.A. at Sumas, B.C.		2,003,944	1,517,145	422,763	3,521,089
² Including deliveries to U.S. pipe lines, Gretna, Man.		4,655,851	4,748,771	3,018,224	9,404,622

TABLE 5

OPERATING STATISTICS

		FEBRUARY 1 9 5 6	JANUARY 1 9 5 6	FEBRUARY ^X 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	413,800	390,540	281,068	401,782
Trunk Lines	"	1,010,943	953,830	710,101	981,435
Total Barrel Miles (Trunk Lines)	Millions	8,773	8,631	5,701	17,399
Average Miles Per Barrel (Trunk Lines)	Miles	299.2	291.9	286.7	295.5
Employees and Earnings (6)					
Average Number (4)	No.	1,344	1,325	1,198	2,669
Total Salaries and Wages	\$	577,962	548,020	465,117	1,125,982
Man-Hours Worked by Wage Earners (5) (6)	Hours	58,074	59,355	48,901	117,429

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

X Revised.

CABLE 6

PIPE LINE STATISTICS, BY COMPANIES

FEBRUARY, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>					(2)	
This month (February, 1956)	4,827,508	8,032,943	6,143,820	3,961,701	12,633,489	35,599,461
This year (2 months)	9,891,513	16,168,819	12,651,268	7,444,622	(3) 25,486,979	71,643,201
<u>Total Delivered out of System</u>					(4)	
This month (February, 1956)	4,843,364	8,003,455	6,123,853	3,765,060	12,489,502	35,225,234
This year (2 months)	9,923,311	16,028,992	12,596,182	7,124,500	(5) 25,299,815	70,972,800
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (February, 1956)	167,013	-	-	-	246,787	413,800
This year (2 months)	165,389	-	-	-	236,393	401,782
<u>Trunk Lines</u>						
This month (February, 1956)	-	275,981	211,167	129,830	393,965	1,010,943
This year (2 months)	-	267,150	209,936	118,742	385,607	981,435
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (February, 1956)	-	4,406	451	2,619	1,297	8,773
This year (2 months)	-	8,923	928	4,940	2,608	17,399
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (February, 1956)	-	551.0	73.7	693.0	113.5	299.2
This year (2 months)	-	557.0	73.7	693.0	112.7	295.5
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31,						
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees (February, 1956)	203	377	50	175	(6) 539	1,344
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (February, 1956)	79,549	173,522	20,891	89,514	(6) 214,486	577,962
This year (2 months)	157,068	337,633	40,728	170,423	(6) 420,130	1,125,282
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (February, 1956)	21,525	48	496	1,013	(6) 34,992	58,074
This year (2 months)	44,569	198	1,000	2,512	(6) 69,150	117,429

Totals include duplication between companies.

Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

Includes 3,624,980 bbls. products and 57,535 bbls. natural gasoline.

Includes 7,577,622 bbls. products and 120,483 bbls. natural gasoline.

Includes 3,578,507 bbls. products and 58,459 bbls. natural gasoline.

Includes 7,530,767 bbls. products and 121,452 bbls. natural gasoline.

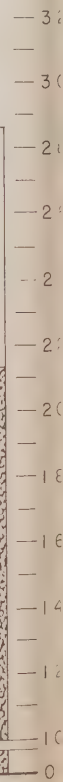
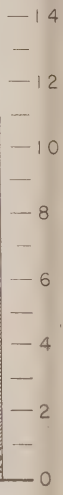
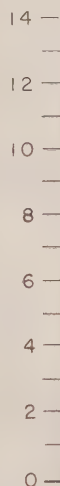
Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil-Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, and Valley Pipe Line Company, Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

MILLION
BARRELS



Jan. Feb. Mar. Apr. May. June. July. Aug. Sept. Oct. Nov. Dec.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

1956

1. 6, No. 3

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

MARCH, 1956

Net deliveries of oil from Canadian pipe lines amounted to 22,838,012 barrels for the month of March. This was an average of 736,710 barrels per day compared with an average of 753,013 barrels last month and 598,766 last year.

Net deliveries from both gathering systems and trunk lines during the first quarter of 1956 amounted to 67,432,575 barrels as compared with 52,403,634 in the same period last year, an increase of 29 p.c. Provincial deliveries for the first three months of the year were as follows (1955 data in brackets): British Columbia 11,189,261 barrels (10,342,778); Alberta 4,992,349 barrels (4,665,600); Saskatchewan 4,437,831 barrels (3,619,778); Manitoba 16,920,079 barrels (11,999,092); Ontario 11,217,553 barrels (9,789,575) and Quebec 18,675,502 barrels (15,986,822). Included in Manitoba deliveries were 14,314,934 barrels (10,244,879) transferred to the Lakehead Pipe Line Company at Gretna, of this 13,678,810 barrels were for export while the remainder was destined to refineries at Sarnia.

Net receipts for March totalled 23,185,036 barrels as against 18,142,315 barrels for March 1955, an increase of 28 p.c. Included in the month's receipts were 12,003,013 barrels of Alberta crude, 56,152 of Alberta natural gasoline, 727,086 of Saskatchewan crude, 486,000 of Manitoba crude, 6,027,235 imported crude and 3,884,821 barrels of refinery products.

Barrel miles totalled 9,326 million for the month of March, compared with 8,742 million for the month of February and 6,748 during March 1955, an increase of 38 p.c. over the previous year.

Employees numbered 1,378 and earned \$604,252 in March 1956, compared with 1,208 employees earning \$474,394 in the corresponding month last year, a wage increase of 12 p.c.

The Peace River Oil Pipe Line Company with some 34 miles of gathering system and 107 miles of trunk line commenced operations during March carrying crude oil from the Sturgeon Lake area of Alberta. Operations of the line are included in this report for the first time.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Peace River Oil Pipe Line Company Ltd., Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Revised

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

54-508-36

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first three months of 1956, per table 6	109,034,607
Received into Trunk Lines from other Canadian Pipe Lines	40,552,383
"Net Received" into Canadian Pipe Line Systems	68,482,224
"Net Received" into Trunk Systems per table 1	31,636,452
"Net Received" into Gathering Systems per table 2	36,847,772
 Total Delivered out of Systems - all companies - during first three months of 1956, per table 6	 108,035,423
Delivered to other Canadian Pipe Lines	40,602,848
"Net Delivered" from Canadian Pipe Line Systems	67,432,575
"Net Delivered" from Trunk Systems per table 1	64,632,828
"Net Delivered" from Gathering Systems per table 2	2,799,747

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to March 31, 1956	36,847,772
Received into Trunk Systems January 1 to March 31, 1956	90,946,776
	127,794,548
 Total oil accountable for period	 137,107,169
Delivered from Gathering Systems January 1 to March 31, 1956	36,872,278
Delivered from Trunk Systems during January 1 to March 31, 1956	89,921,086
	126,793,364
 Balance to be accounted for at March 31, 1956	 10,313,805
Oil consumed as fuel and losses	154,243
Balance on hand - March 31, 1956	10,159,562
Total Shippers Balances - March 31, 1956	9,588,940
Total Carriers Balances - March 31, 1956	570,622

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
March, 1955	2,108,097	480,061
February, 1956	3,353,651	445,621
March, 1956	3,372,733	506,340

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	March 1956	February 1956	March 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	31,351,654	29,701,310	22,313,352	90,946,776
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,737,715	6,092,317	3,006,404	18,757,941
3. Other pipe lines - Gathering	3,237,618	3,059,166	2,687,312	9,473,024
4. Trunk	10,970,752	10,312,784	6,676,467	31,079,359
5. <u>Net Received (6+7+8)</u>	10,405,569	10,237,043	9,943,169	31,636,452
6. Originating on own trunk lines	4,276,642	3,993,584	3,941,418	12,613,865
7. Received from foreign pipe line connections	6,027,235	6,143,820	5,712,350	18,678,503
8. Received from other carriers (rail & truck)	101,692	99,639	289,401	344,084
9. <u>Total Delivered * (10+11)</u>	31,034,985	29,317,363	22,736,079	89,921,086
10. Less: Delivered to other Canadian trunk lines	9,089,341	8,369,008	4,959,690	25,288,258
11. <u>Net Delivered (12+13+14)</u>	21,945,644	20,948,355	17,776,389	64,632,828
12. Terminated on own trunk lines	14,757,887	14,261,678	13,197,717	44,460,225
13. Delivered to foreign pipe line connections	7,077,155	6,659,795	4,561,962	20,002,866
14. Delivered to other carriers (rail & truck)	110,602	26,882	16,710	169,737

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	March 1956	February 1956	March 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,779,467	11,990,468	8,199,146	36,847,772
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	12,779,467	11,990,468	8,199,146	36,847,772
18. Originating on own gathering system	12,521,576	11,568,117	7,925,947	35,815,829
19. Received from other carriers (rail & truck)	257,891	404,351	273,199	1,031,941
20. <u>Total Delivered * (21+22+23)</u>	12,765,353	12,000,188	8,198,893	36,872,278
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,737,715	6,092,317	3,006,404	18,757,941
22. Other pipe lines	5,135,270	5,018,861	4,407,120	15,314,590
23. <u>Net Delivered (24+25)</u>	892,368	889,010	785,369	2,799,747
24. Terminated on gathering systems	693,639	715,740	592,912	2,235,237
25. Delivered to other carriers (rail & truck)	198,729	173,270	192,457	564,510

* Includes natural gasoline and products.

* Includes duplications.

* Includes natural gasoline.

TABLE 2

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		March 1956	February 1956	March 1955	YEAR TO DATE 1956
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,568,393	10,884,973	7,682,407	33,417,276
"	- Trunk	574,286	546,114	753,591	1,744,380
Saskatchewan	- Gathering	724,345	681,710	208,515	2,091,264
"	- Trunk	2,741	5,438	-	11,753
Manitoba	- Gathering	486,729	423,785	308,224	1,339,232
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,269,124	2,176,980	2,191,439	6,862,174
Quebec (3)	- Trunk	7,559,418	7,508,511	6,998,139	23,018,145
Net Received	- Gathering	12,779,467	11,990,468	8,199,146	36,847,772
" "	- Trunk	10,405,569	10,237,043	9,943,169	31,636,452
" "	- Total	23,185,036	22,227,511	18,142,315	68,484,224

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		March 1956	February 1956	March 1955	YEAR TO DATE 1956
		Barrels	Barrels	Barrels	Barrels
British Columbia	Trunk	4,064,761	3,765,060	2,323,286	11,189,261
Alberta (1)	- Gathering	768,486	779,566	730,318	2,457,565
"	- Trunk	817,812	793,060	731,011	2,534,784
Saskatchewan	- Gathering	123,882	109,444	55,051	342,182
"	- Trunk	1,285,722	1,296,002	1,275,298	4,095,649
Manitoba	- Trunk	5,834,147	5,475,290	4,273,603	16,920,079
Ontario (2)	- Trunk	3,863,882	3,495,090	3,478,475	11,217,553
Quebec	- Trunk	6,079,320	6,123,853	5,694,716	18,675,502
Net Delivered	- Gathering	892,368	889,010	785,369	2,799,747
" "	- Trunk	21,945,644	20,948,355	17,776,389	64,632,828
" "	- Total	22,838,012	21,837,365	18,561,758	67,432,575
Including exports to U.S.A.		2,251,890	2,003,944	851,943	5,891,854
Including deliveries to U.S. pipe lines, Gretna, Man.		4,910,312	4,655,851	3,710,019	14,314,934

TABLE 5

OPERATING STATISTICS

		March 1956	February * 1956	March 1955	YEAR TO DATE 1956
Barrels Handled - Daily Average					
Gathering Systems	Barrels	411,786	413,800	264,480	405,190
Trunk Lines	"	1,001,129	1,010,943	733,422	988,144
Total Barrel Miles (Trunk Lines)	Millions	9,326	8,742	6,748	26,708
Average Miles Per Barrel (Trunk Lines)	Miles	300.5	298.2	296.8	297.0
Employees and Earnings (6)					
Average Number (4)	No.	1,378	1,344	1,208	1,349
Total Salaries and Wages	\$	604,252	577,962	474,394	1,730,234
Man-Hours Worked by Wage Earners (5) (6)	Hours	63,896	58,074	53,871	181,325

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

* Revised

TABLE 6 PIPE LINE STATISTICS, BY COMPANIES

MARCH, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (March, 1956)	4,836,284	8,529,945	6,027,235	4,214,171	(2) (3) 13,785,771	37,393,406
This year (3 months)	14,727,797	24,698,764	18,676,503	11,658,793	39,272,750	109,034,607
<u>Total Delivered out of System</u>						
This month	4,846,777	8,401,361	6,079,320	4,064,761	(4) 13,670,414	37,062,633
This year	14,770,088	24,430,353	18,675,502	11,189,261	(5) 38,970,229	108,035,433
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (March, 1956)	156,348	-	-	-	255,438	411,786
This year (3 months)	162,309	-	-	-	242,881	405,190
<u>Trunk Lines</u>						
This month (March, 1956)	-	271,012	196,107	131,121	402,889	1,001,129
This year (3 months)	-	268,465	205,225	122,959	391,495	988,144
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (March, 1956)	-	4,613	447	2,829	1,436	9,326
This year (3 months)	-	13,536	1,375	7,770	4,027	26,708
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (March, 1956)	-	549.0	73.6	693.0	115.0	300.5
This year (3 months)	-	554.0	73.6	692.0	113.0	297.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956						
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	203	393	49	177	(6) 556	1,378
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (March, 1956)	83,652	177,068	21,630	88,218	(6) 233,684	604,252
This year (3 months)	240,720	514,701	62,358	258,641	(6) 653,814	1,730,234
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (March, 1956)	24,197	1,287	498	668	(6) 37,246	63,896
This year (3 months)	68,766	1,485	1,498	3,180	(6) 106,396	181,325

Totals include duplication between companies.

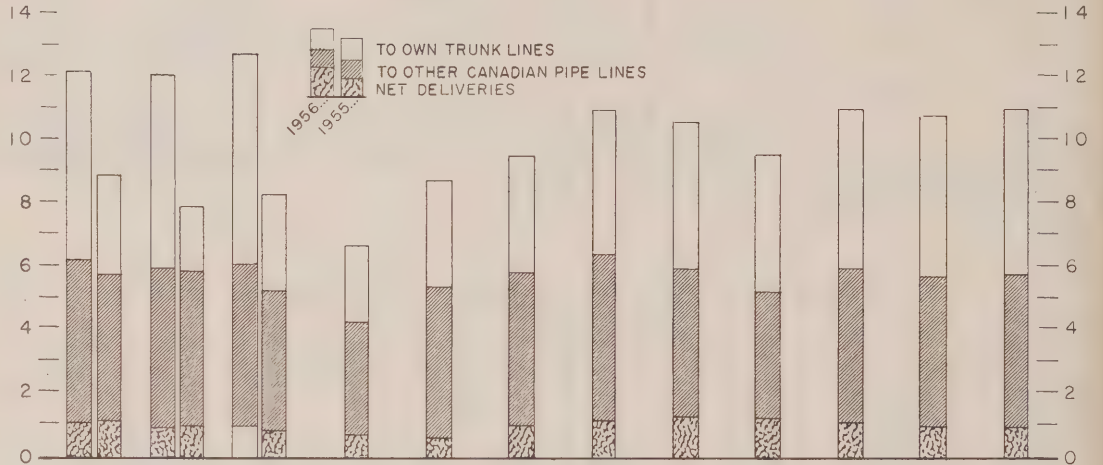
- (1) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company Ltd., Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,884,821 bbls. products and 561,521 bbls. natural gasoline.
- (3) Includes 11,462,445 bbls. products and 176,635 bbls. natural gasoline.
- (4) Includes 3,947,421 bbls. products and 54,142 bbls. natural gasoline.
- (5) Includes 11,478,188 bbls. products and 175,594 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil-Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.
- (7) Excludes Anglo American Exploration Company, Green River Exploration Company, Mobil Oil of Canada, Ltd., and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

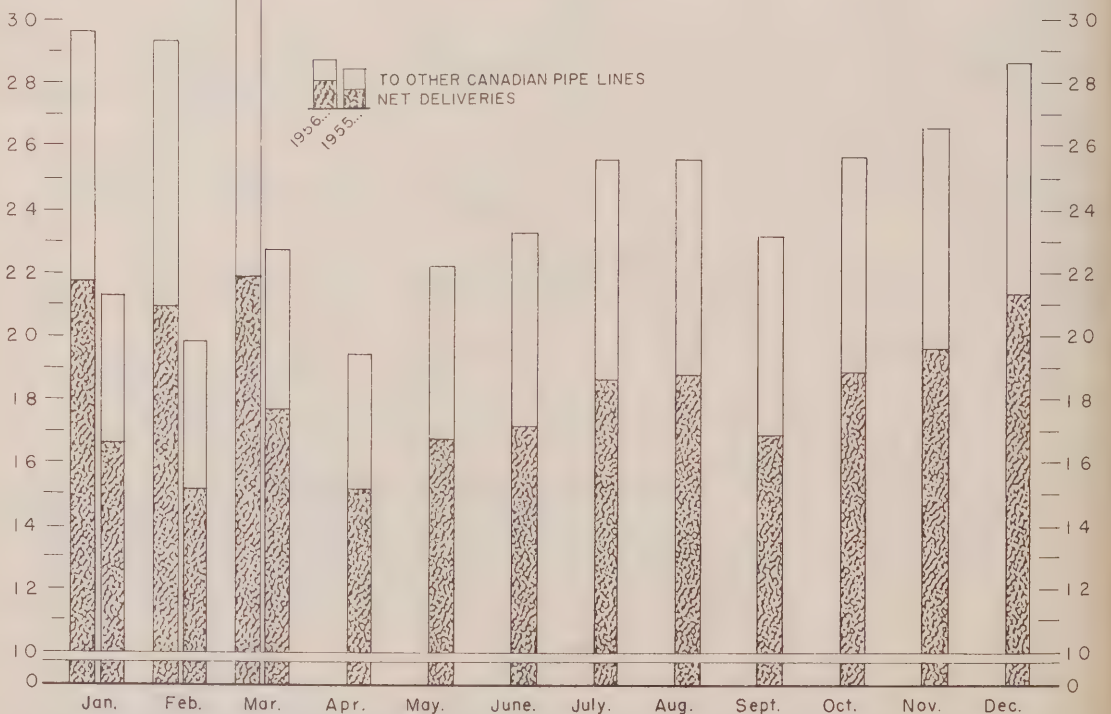
MILLION
BARRELS



32 —

TRUNK LINES

32 —



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Vol. 6, No. 4

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

APRIL, 1956

Deliveries of oil from Canadian pipe lines fell off during April with an average net delivery of 699,678 barrels per day, some 37,000 less than the March average and 2,335 barrels below the peak of 753,013 reached in February of this year. Compared with the corresponding month last year total net deliveries were up by almost 33 p.c. totalling 6,990,353 barrels as against 15,818,889 in April, 1955.

For the four months ended April 30 net deliveries amounted to 88,422,928 barrels, 6 p.c. above deliveries of 68,222,523 recorded in the same period of 1955. Of this total, refinery products accounted for 15,251,963 barrels, as against 13,225,551 barrels in 1955. Provincial deliveries for the first four months were as follows, (1955 data in brackets): British Columbia 13,873,230 barrels (8,618,407); Alberta 6,446,283 (5,679,030); Saskatchewan 5,32,779 (4,888,321); Manitoba 22,538,245 (14,697,209); Ontario 14,934,494 (13,050,471); Quebec 24,797,897 (21,289,085). Included in the Manitoba deliveries were 19,199,650 barrels (12,332,159) transferred from the Interprovincial system in Manitoba to the Lakehead Pipe Line Company for shipment through the United States. Of this amount 5,834,044 barrels (645,743) were for export while the remainder was destined to refineries at Sarnia.

Net receipts for the month of April totalled 21,197,428 barrels, down 987,608 barrels from the March receipts of 23,185,036. Included in the April receipts were 10,537,9 barrels of Alberta crude, 48,387 of Alberta natural gasoline, 756,707 of Saskatchewan crude, 410,453 of Manitoba crude, 6,143,228 of imported crude and 3,781,284 barrels of refinery products.

Gathering systems handled an average of 363,061 barrels per day in April, compared with 411,726 in March, down by some 48,600 barrels per day. Trunk line deliveries shipped by 97,092 barrels per day with an average delivery of 904,037 barrels in April, against 1,001,129 in March.

Barrel miles at 8,107 million were down from 9,333 in March, and the average length of haul fell from 300.7 miles in March to 298.9.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Amurex Oil Development Company, Anglo American Exploration Company and employee data of the Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, and Anglo Canadian Oils, have been omitted. Data on the activities of these companies have been included in other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

64-508-46

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first four months of 1956, per table 6	141,532,062
Received into Trunk Lines from other Canadian Pipe Lines	51,850,416
"Net Received" into Canadian Pipe Line Systems	89,681,652
"Net Received" into Trunk Systems per table 1	41,953,100
"Net Received" into Gathering Systems per table 2	47,728,552
Total Delivered out of Systems - all companies -	
during first four months of 1956, per table 6	140,335,922
Delivered to other Canadian Pipe Lines	51,912,994
"Net Delivered" from Canadian Pipe Line Systems	88,422,928
"Net Delivered" from Trunk Systems per table 1	84,638,579
"Net Delivered" from Gathering Systems per table 2	3,784,349

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to April 30, 1956	47,728,552
Received into Trunk Systems January 1 to April 30, 1956	118,273,767
Total oil accountable for period	175,314,940
Delivered from Gathering Systems January 1 to April 30, 1956	47,762,255
Delivered from Trunk Systems January 1 to April 30, 1956	117,042,205
Balance to be accounted for at April 30, 1956	10,510,480
Oil consumed as fuel and losses	193,839
Balance on hand - April 30, 1956	10,316,641
Total Shippers Balances - April 30, 1956	9,782,961
Total Carriers Balances - April 30, 1956	533,680

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil Barrels	Sun Pipe Line Company Crude and Refined Oil Barrels
April, 1955	2,105,173	428,816
March, 1956	3,372,733	506,340
April, 1956	3,233,814	378,844

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	April 1956	March ^X 1956	April 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
Total Received * (2+3+4+5)	27,328,855	31,349,790	19,139,494	118,273,767
Less: Received from other Canadian pipe lines -				
Own Gathering System	5,714,180	6,735,851	2,447,595	24,470,257
Other pipe lines - Gathering	2,610,908	3,237,618	2,028,960	12,083,932
Trunk	8,687,119	10,970,752	5,523,933	39,766,478
Net Received (6+7+8)	10,316,648	10,405,569	9,139,006	41,953,100
Originating on own trunk lines	4,144,509	4,276,642	3,796,815	16,758,374
Received from foreign pipe line connections	6,143,228	6,027,235	5,328,382	24,821,731
Received from other carriers (rail & truck)	28,911	101,692	13,809	372,995
Total Delivered * (10+11)	27,121,119	31,034,985	19,408,142	117,042,205
Less: Delivered to other Canadian trunk lines	7,115,368	9,089,341	4,251,968	32,403,626
Net Delivered (12+13+14)	20,005,751	21,945,644	15,156,174	84,638,579
Terminated on own trunk lines	14,157,151	14,757,887	12,268,591	58,498,501
Delivered to foreign pipe line connections	5,616,994	7,077,155	2,863,304	25,619,860
Delivered to other carriers (rail & truck)	231,606	110,602	24,279	520,218

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	April 1956	March ^X 1956	April 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
Total Received (16+17)	10,880,780	12,779,467	6,594,196	47,728,552
Less: Received from other gathering systems	-	-	-	-
Net Received (18+19)	10,880,780	12,779,467	6,594,196	47,728,552
Originating on own gathering system	10,835,514	12,521,576	6,569,583	46,651,343
Received from other carriers (rail & truck)	45,266	257,891	24,613	1,077,209
Total Delivered * (21+22+23)	10,891,841	12,763,489	6,574,884	47,762,255
Less: Delivered to other pipe lines -				
Own Trunk system	5,712,461	6,735,851	2,447,595	24,468,538
Other pipe lines	4,194,778	5,135,270	3,464,574	19,509,368
Net Delivered (24+25)	984,602	892,368	662,715	3,784,349
Terminated on gathering systems	671,156	693,639	471,553	2,906,393
Delivered to other carriers (rail & truck)	313,446	198,729	191,162	877,956

Includes natural gasoline and products.

Includes duplications.

Includes natural gasoline.

Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		April 1 9 5 6	March ^X 1 9 5 6	April 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,714,747	11,568,393	6,140,760	43,132,023
"	- Trunk	446,739	574,286	463,501	2,191,119
Saskatchewan	- Gathering	755,580	724,345	247,710	2,846,844
"	- Trunk	1,127	2,741	-	12,880
Manitoba	- Gathering	410,453	486,729	205,726	1,749,685
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,248,116	2,269,124	2,099,846	9,110,290
Quebec (3)	- Trunk	7,620,666	7,559,418	6,575,659	30,638,811
Net Received	- Gathering	10,880,780	12,779,467	6,594,196	47,728,552
" "	- Trunk	10,316,648	10,405,569	9,139,006	41,953,100
" "	- Total	21,197,428	23,185,036	15,733,202	89,681,652

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		April 1 9 5 6	March ^X 1 9 5 6	April 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	Trunk	2,683,969	4,064,761	2,275,629	13,873,230
Alberta (1)	- Gathering	854,621	768,486	608,241	3,312,186
"	- Trunk	599,313	817,812	405,189	3,134,097
Saskatchewan	- Gathering	129,981	123,882	54,474	472,163
"	- Trunk	1,264,967	1,285,722	1,214,080	5,360,616
Manitoba	- Trunk	5,618,166	5,834,147	2,698,117	22,538,245
Ontario (2)	- Trunk	3,716,941	3,863,882	3,260,896	14,934,494
Quebec	- Trunk	6,122,395	6,079,320	5,302,263	24,797,897
Net Delivered	- Gathering	984,602	892,368	662,715	3,784,349
" "	- Trunk	20,005,751	21,945,644	15,156,174	84,638,579
" "	- Total	20,990,353	22,838,012	15,818,889	88,422,928
Including exports to U.S.A.		732,278	2,251,890	776,024	6,420,210
Including deliveries to U.S. pipe lines, Grtna, Man.		4,884,716	4,910,312	2,087,280	19,199,650

TABLE 5

OPERATING STATISTICS

		April 1 9 5 6	March ^X 1 9 5 6	April 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	363,061	411,726	219,163	394,729
Trunk Lines	"	904,037	1,001,129	646,938	967,291
Total Barrel Miles (Trunk Lines)	Millions	8,107	9,333	5,423	34,822
Average Miles Per Barrel (Trunk Lines)	Miles	298.9	300.7	279.4	297.5
Employees and Earnings (6)					
Average Number (4)	No.	1,402	1,378	1,210	1,362
Total Salaries and Wages	\$	608,866	604,252	485,503	2,339,100
Man-Hours Worked by Wage Earners (5) (6)	Hours	55,531	63,896	52,341	236,856

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

PIPE LINE STATISTICS, BY COMPANIES

April, 1956.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (April, 1956)	4,013,127	7,583,707	6,143,228	2,677,126	(2) 12,078,267	32,495,455
This year (4 months)	18,740,924	32,282,471	24,821,731	14,335,919	(3) 51,351,017	141,532,062
<u>Total Delivered out of System</u>						
This month (April, 1956)	4,012,429	7,326,846	6,122,395	2,683,969	(4) 12,154,860	32,300,499
This year (4 months)	18,782,517	31,757,199	24,797,897	13,873,230	(5) 51,125,079	140,335,922
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (April, 1956)	133,748	-	-	-	229,313	363,061
This year (4 months)	155,227	-	-	-	239,502	394,729
<u>Trunk Lines</u>						
This month (April, 1956)	-	244,228	204,080	89,466	366,263	904,037
This year (4 months)	-	262,456	204,941	114,655	385,239	967,291
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (April, 1956)	-	4,430	451	1,893	1,333	8,107
This year (4 months)	-	17,966	1,826	9,663	5,367	34,822
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (April, 1956)	-	605.0	73.6	705.0	121.3	298.9
This year (4 months)	-	565.0	73.6	697.0	115.1	297.5
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EXPENSES AND EARNINGS			<u>Number</u>			
<u>Number of Employees</u>	205	392	49	189	(6) 567	1,402
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (April, 1956)	81,064	180,155	20,679	91,561	(6) 235,407	608,866
This year (4 months)	321,784	694,856	83,037	350,202	(6) 889,221	2,339,100
<u>Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (April, 1956)	21,987	739	505	951	(6) 31,349	55,531
This year (4 months)	90,753	2,224	2,002	4,131	(6) 137,746	236,856

*Totals include duplication between companies.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Johnson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company Ltd., Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatchewan Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.

includes 3,781,284 bbls. products and 48,387 bbls. natural gasoline.

includes 15,243,727 bbls. products and 225,022 bbls. natural gasoline.

includes 3,773,775 bbls. products and 48,991 bbls. natural gasoline.

includes 15,251,963 bbls. products and 224,585 bbls. natural gasoline.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.

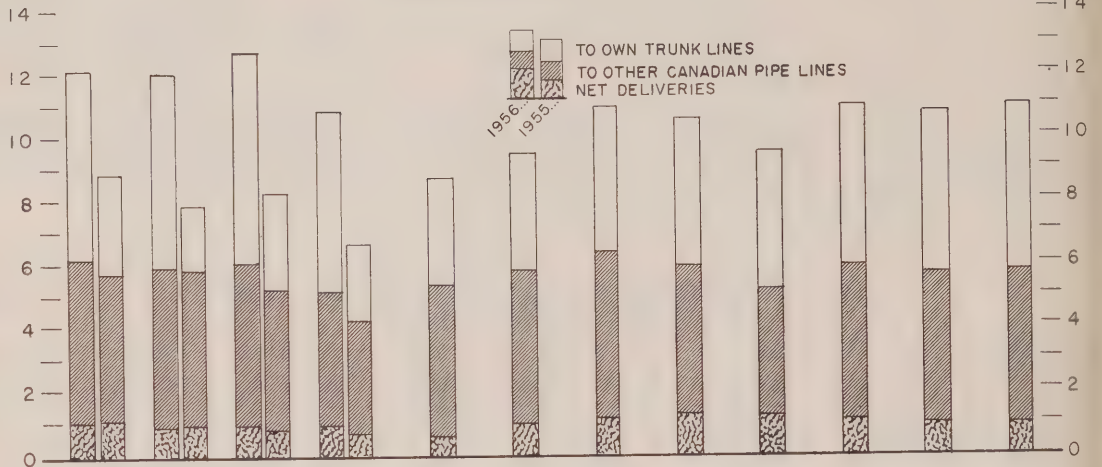
includes Amurex Oil Development Company, Anglo American Exploration Company, Green River Exploration Company, Mobil Oil of Canada Ltd., and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

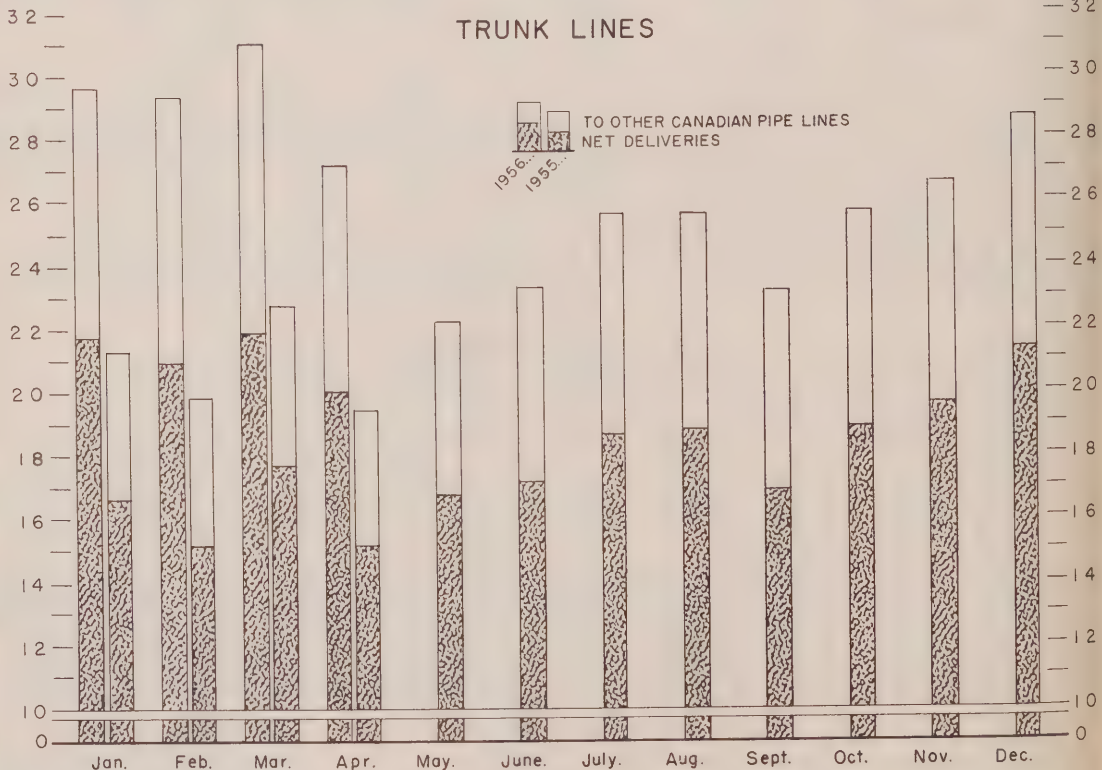
MILLION
BARRELS

GATHERING SYSTEM

MILLION
BARRELS



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 6, No. 5

Price: \$1.00 per year

PIPE LINES (OIL) STATISTICS

MAY, 1956

Net deliveries of oil from Canadian pipe lines for the month of May declined to 20,882,575 barrels from 20,990,353 in the previous month. This was an average of 73,631 barrels per day compared with 699,678 barrels last month and 558,974 last year. Compared with the corresponding month last year total net deliveries showed an increase of 3,554,391 barrels.

For the five months ended May 31st, net deliveries amounted to 109,305,503 barrels, compared with 85,550,707 in the same period last year, an increase of 27.8 p.c. Refinery products accounted for 17.4 p.c. of the total or 18,728,170 barrels as against 5,925,517 in 1955. Provincial deliveries for the five months were as follows (1955 data in brackets); British Columbia, 16,950,864 barrels (11,169,668); Alberta, 7,459,862 (5,710,851); Saskatchewan, 6,943,047 (6,293,759); Manitoba, 28,465,032 (18,581,371); Ontario, 18,331,170 (15,682,860); and Quebec, 31,155,528 (27,112,198). Manitoba deliveries included 24,282,810 barrels (15,555,831) transferred to the Lakehead Pipe Line Company for transport through the United States. Of this amount 7,200,843 barrels (4,907,738) were for export while the remainder was destined to refineries at Sarnia.

Net receipts for May totalled 20,700,220 barrels, down slightly from the April total of 21,197,428. Included in the May receipts were 9,558,157 barrels of Alberta crude, 52,249 of Alberta natural gasoline, 764,340 of Saskatchewan crude, 470,466 of Manitoba crude, 6,397,300 of imported crude and 3,457,708 barrels of refinery products.

Gathering systems handled an average of 335,115 barrels per day in May, compared with 363,061 in April, and 279,280 in May 1955. Trunk lines delivered an average of 901,248 barrels, down slightly from the April total of 904,037 but up 185,522 barrels from May 1955. Employment and earnings reached a new high in the month under review, with 1,456 employees earning \$631,915. The previous high in February, 1956 showed 1,344 employees with earnings of \$577,962.

Barrel miles amounting to 8,532 million showed an increase of 425 million miles over the previous month, and the average haul increased from 298.9 miles to 305.4.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Amurex Oil Development Company, Anglo American Exploration Company and employee data of the Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, and Anglo Canadian Pipe Lines, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section.
Public Finance and Transportation Division.

804-508-56

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from intercompany transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first five months of 1956 per table 6	173,974,676
Received into Trunk Lines from other Canadian Pipe Lines	63,592,804
"Net Received" into Canadian Pipe Line Systems	110,381,872
"Net Received" into Trunk Systems per table 1	52,295,303
"Net Received" into Gathering Systems per table 2	58,086,569
Total Delivered out of Systems - all companies - during first five months of 1956 per table 6	173,201,818
Delivered to other Canadian Pipe Lines	63,896,315
"Net Delivered" from Canadian Pipe Line Systems	109,305,503
"Net Delivered" from Trunk Systems per table 1	104,689,697
"Net Delivered" from Gathering Systems per table 2	4,615,806

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to May 31, 1956	58,086,569
Received into Trunk Systems January 1 to May 31, 1956	145,819,755
Total oil accountable for period	213,218,945
Delivered from Gathering Systems January 1 to May 31, 1956	58,150,846
Delivered from Trunk Systems January 1 to May 31, 1956	144,980,901
Balance to be accounted for at May 31, 1956	10,087,198
Oil consumed as fuel and losses	245,409
Balance on hand - May 31, 1956	9,841,789
Total Shippers Balances - May 31, 1956	9,312,525
Total Carriers Balances - May 31, 1956	529,264

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
May, 1955	2,975,775	428,132
April, 1956	3,233,814	378,844
May, 1956	2,367,703	563,795

TABLE 1
OIL CARRIED BY PIPE LINES - TRUNK

	May 1956	April 1956	May 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	27,545,988	27,328,855	22,649,647	145,819,755
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,461,391	5,714,180	3,412,061	29,931,648
3. Other pipe lines - Gathering	2,553,752	2,610,908	2,795,238	14,637,684
4. Trunk	9,188,642	8,687,119	7,383,680	48,955,120
5. Net Received (6+7+8)	10,342,203	10,316,648	9,058,668	52,295,303
6. Originating on own trunk lines	3,858,889	4,144,509	3,103,059	20,617,263
7. Received from foreign pipe line connections	6,397,300	6,143,228	5,847,599	31,219,031
8. Received from other carriers (rail & truck)	86,014	28,911	108,010	459,009
9. Total Delivered * (10+11)	27,938,696	27,121,119	22,187,509	144,980,901
10. Less: Delivered to other Canadian trunk lines	7,887,578	7,115,368	5,398,230	40,291,204
11. Net Delivered (12+13+14)	20,051,118	20,005,751	16,789,279	104,689,697
12. Terminated on own trunk lines	13,646,130	14,157,151	12,692,895	72,144,631
13. Delivered to foreign pipe line connections	5,892,131	5,616,994	4,073,410	31,511,991
14. Delivered to other carriers (rail & truck)	512,857	231,606	22,974	1,033,075

TABLE 2
OIL CARRIED BY PIPE LINES - GATHERING

	May 1956	April 1956	May 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received (16+17)	10,358,017	10,880,780	8,618,336	58,086,569
Less: Received from other gathering systems	-	-	-	-
2. Net Received (18+19)	10,358,017	10,880,780	8,618,336	58,086,569
3. Originating on own gathering system	10,114,798	10,835,514	8,487,312	56,766,141
4. Received from other carriers (rail & truck)	243,219	45,266	131,024	1,320,428
5. Total Delivered * (21+22+23)	10,388,591	10,891,841	8,657,672	58,150,846
Less: Delivered to other pipe lines -				
6. Own Trunk system	5,461,391	5,712,461	3,412,061	29,929,929
7. Other pipe lines	4,095,743	4,194,778	4,706,706	23,605,111
8. Net Delivered (24+25)	831,457	984,602	538,905	4,615,806
9. Terminated on gathering systems	609,628	671,156	359,815	3,516,021
10. Delivered to other carriers (rail & truck)	221,829	313,446	179,090	1,099,785

* Includes natural gasoline and products.
 * Includes duplications.
 * Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		May 1 9 5 6	April 1 9 5 6	May 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,125,972	9,714,747	7,922,158	52,257,995
"	- Trunk	563,613	446,739	593,325	2,754,732
Saskatchewan	- Gathering	761,579	755,580	447,314	3,608,423
"	- Trunk	2,761	1,127	1,443	15,641
Manitoba	- Gathering	470,466	410,453	248,864	2,220,151
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,874,894	2,248,116	1,397,971	10,985,184
Quebec (3)	- Trunk	7,900,935	7,620,566	7,065,929	38,539,746
Net Received	- Gathering	10,358,017	10,880,780	8,618,336	58,086,569
" "	- Trunk	10,342,203	10,316,648	9,058,668	52,295,303
" "	- Total	20,700,220	21,197,428	17,677,004	110,381,872

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		May 1 9 5 6	April 1 9 5 6	May 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	Trunk	3,077,634	2,683,969	2,551,261	16,950,864
Alberta (1)	- Gathering	721,382	854,621	496,168	4,033,568
"	- Trunk	292,197	599,313	535,653	3,426,294
Saskatchewan	- Gathering	110,075	129,981	42,737	582,238
"	- Trunk	1,000,193	1,264,967	1,362,701	6,360,809
Manitoba	Trunk	5,926,787	5,618,166	3,884,162	28,465,032
Ontario (2)	- Trunk	3,396,676	3,716,941	2,632,389	18,331,170
Quebec	- Trunk	6,357,631	6,122,395	5,823,113	31,155,528
Net Delivered	- Gathering	831,457	984,602	538,905	4,615,806
" "	- Trunk	20,051,118	20,005,751	16,789,279	104,689,697
" "	- Total	20,882,575	20,990,353	17,328,184	109,305,503
Including exports to U.S.A.		808,971	732,278	849,738	7,229,181
Including deliveries to U.S. pipe lines, Gretna, Man.		5,083,160	4,884,716	3,223,672	24,282,810

TABLE 5

OPERATING STATISTICS

		May 1 9 5 6	April 1 9 5 6	May 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	335,115	363,061	279,280	382,571
Trunk Lines	"	901,248	904,037	715,726	953,821
Total Barrel Miles (Trunk Lines)	Millions	8,532	8,107	6,550	43,352
Average Miles Per Barrel (Trunk Lines)	Miles	305.4	298.9	295.2	299.0
Employees and Earnings (6)					
Average Number (4)	No.	1,456	1,402	1,264	1,381
Total Salaries and Wages	\$	631,915	608,866	510,807	2,971,015
Man-Hours Worked by Wage Earners (5) (6)	Hours	69,849	55,531	59,301	306,705

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd.,

Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

May, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
<u>OFFIC*</u>			<u>Barrels</u>			
<u>Total Received into System</u>						
this month (May, 1956)	3,816,456	7,537,593	6,397,300	3,031,743	(2) 11,659,522	32,442,614
this year (5 Months)	22,557,380	39,820,064	31,219,031	17,367,662	(3) 63,010,539	173,974,676
<u>Total Delivered out of System</u>						
this month (May, 1956)	3,820,171	7,814,494	6,357,631	3,077,634	(4) 11,795,966	32,865,896
this year (5 Months)	22,602,688	39,571,693	31,155,528	16,950,864	(5) 62,921,045	173,201,818
<u>OPERATING STATISTICS</u>						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
this month (May, 1956)	123,231	-	-	-	211,884	335,115
this year (5 Months)	148,702	-	-	-	233,869	382,571
<u>Trunk Lines</u>						
this month (May, 1956)	-	252,080	205,084	99,279	344,805	901,248
this year (5 Months)	-	260,340	204,970	111,519	376,992	953,821
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
this month (May, 1956)	-	4,578	408	2,168	1,318	8,532
this year (5 Months)	-	22,944	2,294	11,831	6,683	43,352
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
this month (May, 1956)	-	586.0	73.6	704.0	123.3	305.4
this year (5 Months)	-	570.0	73.6	698.0	116.6	299.0
<u>LOADING REVENUES</u>			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956						
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>			
Number of Employees (May, 1956)	212	399	55	202	(6) 588	1,456
<u>Salaries and Wages</u>			<u>Dollars</u>			
this month (May, 1956)	87,045	178,667	22,157	94,778	(6) 249,268	631,915
this year (5 Months)	408,829	873,523	105,194	444,980	(6) 1,138,489	2,971,015
<u>4-Hours Worked by Wage Earners</u>			<u>Hours</u>			
this month (May, 1956)	23,225	477	1,224	2,626	(6) 42,297	69,849
this year (5 Months)	113,978	2,701	3,227	6,757	(6) 180,043	306,706

*Totals include duplication between companies.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid Saskatchewan Pipe Lines Ltd.; Mobil Oil of Canada, Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company Ltd; Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited; Saskatchewan Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company Limited.

includes 3,457,708 bbls. products and 52,249 bbls. natural gasoline.

includes 18,703,154 bbls. products and 277,272 bbls. natural gasoline.

includes 3,476,207 bbls. products and 51,888 bbls. natural gasoline.

includes 18,728,170 bbls. products and 276,473 bbls. natural gasoline.

includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd; Mobil Oil of Canada Ltd; Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company, and Valley Pipe Line Company, Ltd.

includes Amurex Oil Development Company, Anglo American Exploration Company, Green River Exploration Company; Mobil Oil of Canada Ltd; and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

14 —

12 —

10 —

8 —

6 —

4 —

2 —

0 —

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

1956
1955

MILLION
BARRELS

14 —

12 —

10 —

8 —

6 —

4 —

2 —

0 —

32 —

30 —

28 —

26 —

24 —

22 —

20 —

18 —

16 —

14 —

12 —

10 —

0 —

TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

1956
1955

32 —

30 —

28 —

26 —

24 —

22 —

20 —

18 —

16 —

14 —

12 —

10 —

0 —

Jan. Feb. Mar. Apr. May. June. July. Aug. Sept. Oct. Nov. Dec.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Vol. 6, No. 6

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

JUNE, 1956

The amount of oil carried by Canadian pipe lines declined slightly during June to an average of 670,758 barrels per day as compared with an average of 673,631 barrels in May, but increased from 603,712 barrels reported in June of the previous year.

Total net deliveries for the month of June aggregated 20,122,735 barrels as against 20,882,575 barrels in May and 18,111,357 barrels in June 1955. For the six months ended June 30, net deliveries totalled 129,428,238 barrels, an increase of 6,766,194 barrels or 24.9 p.c. over the 1955 total of 103,662,064 barrels. Deliveries to provinces to the end of June were as follows, with similar data for 1955 in brackets: British Columbia, 19,901,962 barrels (13,354,047); Alberta, 8,120,674 barrels (8,345,927); Saskatchewan, 8,351,982 barrels (7,767,819); Manitoba, 34,002,769 barrels (23,228,643); Ontario, 21,416,926 barrels (18,376,834); and Quebec, 37,633,925 barrels (32,588,794). Included in Manitoba deliveries were 29,218,001 barrels (29,658,576) transferred to the Lakehead Pipe Line Company for transport through the United States. Of this amount 8,457,178 barrels (1,205,988) were for export while the remainder was destined to refineries at Sarnia.

Net receipts during the month of June amounted to 21,378,151 barrels compared with 18,249,761 in the same month last year, an increase of 17.1 p.c. The month's receipts included 10,577,784 barrels of Alberta crude and 42,362 barrels of Alberta natural gasoline, 719,211 barrels of Saskatchewan crude, 462,204 of Manitoba crude, 6,438,531 barrels of imported crude and 3,138,059 barrels of refinery products.

Gathering systems handled an average of 377,004 barrels compared with 335,115 barrels in May and 313,442 barrels one year earlier. Trunk lines rose to 914,245 barrels from 901,248 barrels handled last month and 776,073 barrels in June 1955. Employment and earnings again reached a new high in June, with 1,515 employees earning \$61,043.

Barrel miles at 8,105 million, were down slightly from 8,532 in May, and the average length of haul fell from 305.4 to 295.5.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

64-508-66

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first six months of 1956, per table 6	206,977,768
Received into Trunk Lines from other Canadian Pipe Lines	75,217,745
"Net Received" into Canadian Pipe Line Systems	131,760,023
"Net Received" into Trunk Systems per table 1	62,350,593
"Net Received" into Gathering Systems per table 2	69,409,430
 Total Delivered out of Systems - all companies -	
during first six months of 1956, per table 6	205,970,964
Delivered to other Canadian Pipe Lines	76,542,726
"Net Delivered" from Canadian Pipe Line Systems	129,428,238
"Net Delivered" from Trunk Systems per table 1	124,575,008
"Net Delivered" from Gathering Systems per table 2	4,853,230

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company a "monthly oil balance" statement. The oil balances have been tabulated for all companies for June and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,6
Received into Gathering Systems January 1 to June 30, 1956	69,409,430	
Received into Trunk Systems January 1 to June 30, 1956	173,468,350	242,877,7
 Total oil accountable for period		252,190,4
Delivered from Gathering Systems January 1 to June 30, 1956	69,460,979	
Delivered from Trunk Systems during January 1 to June 30, 1956 ...	172,408,278	241,869,2
 Balance to be accounted for at June 30, 1956		10,321,1
Oil consumed as fuel and losses		261,6
Balance on hand - June 30, 1956		10,059,5
Total Shippers Balances - June 30, 1956	9,490,161	
Total Carriers Balances - June 30, 1956	569,367	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
June, 1955	3,339,575	364,545
May, 1956	2,367,703	563,795
June, 1956	2,607,286	564,970

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	June 1956	May 1956	June 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	27,648,595	27,545,988	23,355,746	173,468,350
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,968,364	5,461,391	3,664,944	35,900,012
3. Other pipe lines - Gathering	2,859,334	2,553,752	3,226,064	17,497,018
4. Trunk	8,765,607	9,188,642	7,604,815	57,720,727
5. Net Received (6+7+8)	10,055,290	10,342,203	8,859,923	62,350,593
5. Originating on own trunk lines	3,532,296	3,858,889	3,132,424	24,149,559
7. Received from foreign pipe line connections	6,438,531	6,397,300	5,483,573	37,657,562
3. Received from other carriers (rail & truck)	84,463	86,014	243,926	543,472
7. Total Delivered * (10+11)	27,427,377	27,938,696	23,282,189	172,408,278
Less: Delivered to other Canadian trunk lines	7,542,066	7,887,578	6,106,101	47,833,270
1. Net Delivered (12+13+14)	19,885,311	20,051,118	17,176,088	124,575,008
2. Terminated on own trunk lines	13,891,735	13,646,130	12,356,431	86,036,366
3. Delivered to foreign pipe line connections	5,863,903	5,892,131	4,796,239	37,375,894
4. Delivered to other carriers (rail & truck)	129,673	512,857	23,418	1,162,748

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	June 1956	May 1956	June 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received (16+17)	11,322,861	10,358,017	9,389,838	69,409,430
Less: Received from other gathering systems	-	-	-	-
Net Received (18+19)	11,322,861	10,358,017	9,389,838	69,409,430
Originating on own gathering system	11,075,959	10,114,798	9,160,566	67,842,100
Received from other carriers (rail & truck)	246,902	243,219	229,272	1,567,330
2. Total Delivered * (21+22+23)	11,310,133	10,388,591	9,403,262	69,460,979
Less: Delivered to other pipe lines -				
3. Own Trunk system	5,968,364	5,461,391	3,664,944	35,898,293
4. Other pipe lines	5,104,345	4,095,743	4,803,049	28,709,456
Net Delivered (24+25)	237,424	831,457	935,269	4,853,230
Terminated on gathering systems	72,147	609,628	748,868	3,588,168
Delivered to other carriers (rail & truck)	165,277	221,829	186,401	1,265,062

Includes natural gasoline and products.
Includes duplications.
Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

		June	May	June	YEAR TO DATE
Province		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,158,086	9,125,972	8,552,962	62,416,081
"	- Trunk	517,263	563,613	714,668	3,271,995
Saskatchewan	- Gathering	702,571	761,579	496,360	4,310,994
"	- Trunk	16,640	2,761	655	32,281
Manitoba	- Gathering	462,204	470,466	340,516	2,682,355
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,613,123	1,874,894	1,653,448	12,598,307
Quebec (3)	- Trunk	7,908,264	7,900,935	6,491,152	46,448,010
Net Received	- Gathering	11,322,861	10,358,017	9,389,838	69,409,430
" "	- Trunk	10,055,290	10,342,203	8,859,923	62,350,593
" "	- Total	21,378,151	20,700,220	18,249,761	131,760,023

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

	June	May	June	YEAR TO DATE
Province	1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
	Barrels	Barrels	Barrels	Barrels
British Columbia-- Trunk	2,951,098	3,077,634	2,184,379	19,901,962
Alberta (1) - Gathering	134,337	721,382	890,905	4,167,905
" - Trunk	526,475	292,197	744,171	3,952,769
Saskatchewan - Gathering	103,087	110,075	44,364	685,325
" - Trunk	1,305,848	1,000,193	1,429,696	7,666,657
Manitoba ϕ - Trunk	5,537,737	5,926,787	4,647,272	34,002,769
Ontario (2) - Trunk	3,085,756	3,396,676	2,693,974	21,416,926
Quebec - Trunk	6,478,397	6,357,631	5,476,596	37,633,925
Net Delivered - Gathering	237,424	831,457	935,269	4,853,230
" " - Trunk	19,885,311	20,051,118	17,176,088	124,575,008
" " - Total	20,122,735	20,882,575	18,111,357	129,428,238
✂ Including exports to U.S.A.	928,712	898,971	693,494	8,157,893
♂ Including deliveries to U.S. pipe lines, Gretna, Man.	4,935,191	5,083,160	4,102,745	29,218,001

TABLE 5

OPERATING STATISTICS

		June	May	June	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	377,004	335,115	313,442	381,653
Trunk Lines	"	914,245	901,248	776,073	947,298
Total Barrel Miles (Trunk Lines)	Millions	8,105	8,532	6,797	51,457
Average Miles Per Barrel (Trunk Lines)	Miles	295.5	305.4	291.9	298.4
Employees and Earnings (6)					
Average Number (4)	No.	1,515	1,456	1,286	1,403
Total Salaries and Wages	\$	651,043	631,915	534,251	3,622,058
Man-Hours Worked by Wage Earners (5) (6)	Hours	67,074	69,849	58,004	373,780

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amrex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

BLE 6

PIPE LINE STATISTICS, BY COMPANIES

June, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (June, 1956)	4,285,297	7,464,404	6,438,531	(2) 3,090,493	11,724,367	33,003,092
This year (6 Months)	26,842,677	47,284,468	37,657,562	(3) 20,458,155	74,734,906	206,977,768
<u>Total Delivered out of System</u>						
This month (June, 1956)	4,269,580	7,471,377	6,478,397	(4) 2,951,098	11,598,694	32,769,146
This year (6 Months)	26,872,268	47,043,070	37,633,925	(5) 19,901,962	74,519,732	205,970,964
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (June, 1956)	142,319	-	-	-	234,685	377,004
This year (6 Months)	147,650	-	-	-	234,003	381,653
<u>Trunk Lines</u>						
This month (June, 1956)	-	249,046	215,946	98,370	350,883	914,245
This year (6 Months)	-	258,478	206,779	109,351	372,690	947,298
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>Trunk Lines - in millions</u>						
This month (June, 1956)	-	4,356	477	2,029	1,243	8,105
This year (6 Months)	-	26,900	2,772	13,860	7,925	51,457
<u>Average Miles Per Barrel</u>						
<u>Trunk Lines</u>						
This month (June, 1956)	-	583.0	73.7	688.0	118.0	295.5
This year (6 Months)	-	572.0	73.7	696.0	116.8	298.4
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	(7) 5,252,344	5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	(7) 9,397,247	10,807,672	35,014,893
Three Months ending Sept. 30, 1956						
Six Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	220	414	57	(6) 208	616	1,515
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (June, 1956)	85,862	188,006	23,451	(6) 98,006	255,718	651,043
This year (6 Months)	494,691	1,061,529	128,645	(6) 542,986	1,394,207	3,622,058
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (June, 1956)	20,512	477	1,494	(6) 1,459	43,132	67,074
This year (6 Months)	134,490	3,178	4,721	(6) 8,216	223,175	373,780

*Totals include duplication between companies.

includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited; Johnson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid Saskatchewan Pipe Lines Ltd.; Mobil Oil of Canada, Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company Ltd; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company Limited.

includes 3,138,059 bbls. products and 42,362 bbls. natural gasoline.

includes 21,841,213 bbls. products and 319,633 bbls. natural gasoline.

includes 3,141,296 bbls. products and 54,497 bbls. natural gasoline.

includes 21,869,466 bbls. products and 385,349 bbls. natural gasoline.

includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd; Mobil Oil of Canada Ltd; Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company, and Valley Pipe Line Company. Ltd.

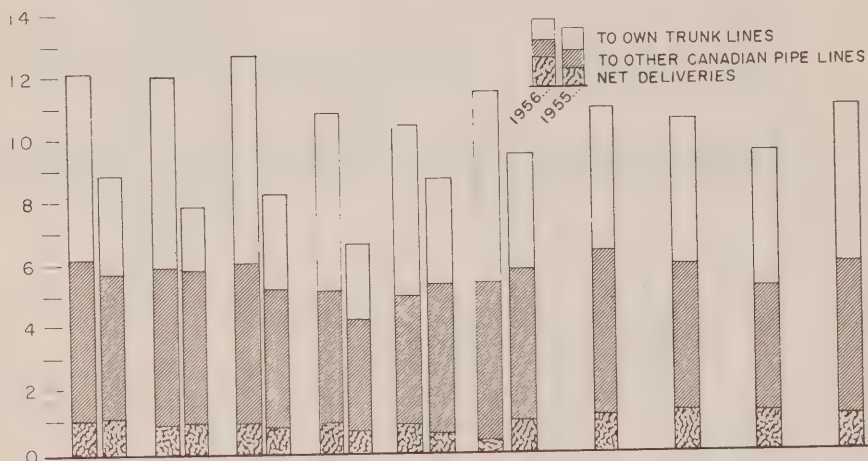
includes Amurex Oil Development Company, Anglo American Exploration Company, Green River Exploration Company; Mobil Oil of Canada Ltd; and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

MILLION
BARRELS

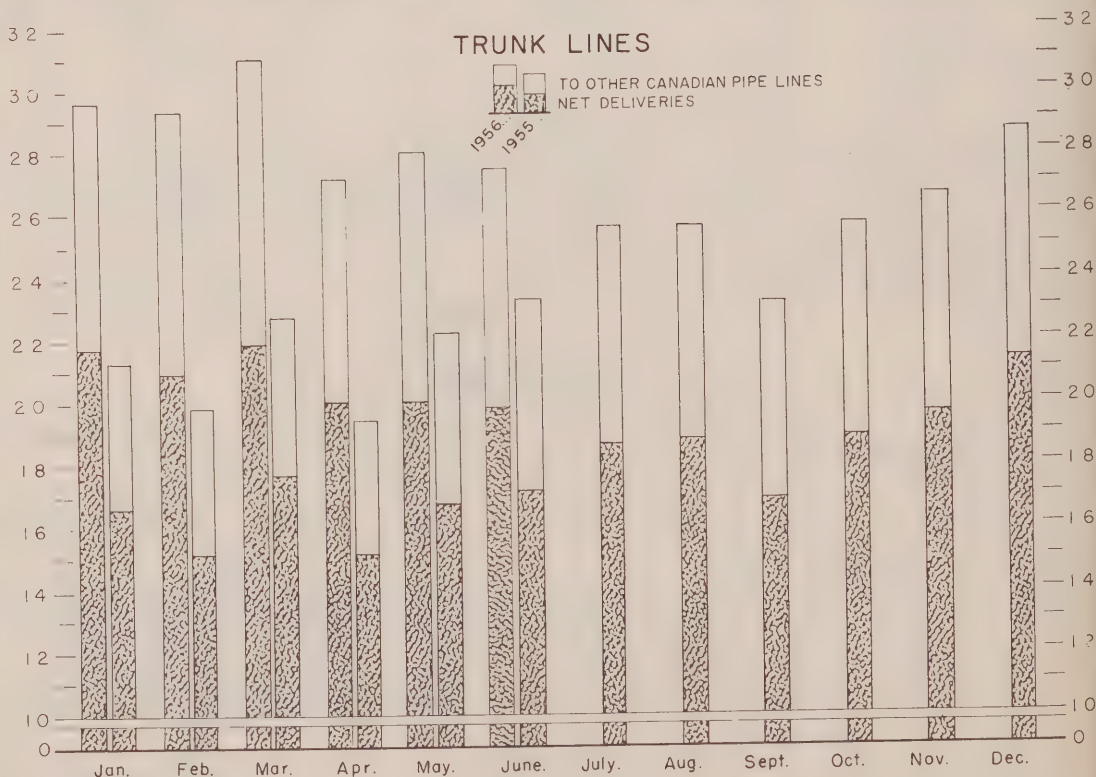


3.2

TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

1956 1955



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PIPE LINES (OIL) STATISTICS

JULY, 1956

Oil pipe lines in Canada recorded a net delivery in July of 21,323,989 barrels, or an average of 687,871 barrels per day. This was an increase of 17,113 barrels or 2.5 p.c. over the June average of 670,758 and 8.2 p.c. over the deliveries of July last year.

Total net deliveries for the seven months ended July 31, 1956, were 150,752,227 barrels, compared with 123,361,208 barrels recorded in the same period last year. Provincial deliveries for the seven months were as follows (1955 data in brackets): British Columbia 23,548,920 barrels (16,000,828); Alberta 8,825,660 barrels (10,093,215); Saskatchewan 9,531,091 barrels (9,250,821); Manitoba 40,076,572 barrels (28,278,821); Ontario 24,719,794 barrels (21,406,919); and Quebec 44,050,190 barrels (38,330,604). Manitoba deliveries included 34,477,895 barrels (24,005,230) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount a total of 9,847,747 barrels (1,630,272) was for export while the remainder was destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4. These figures have been revised to include all deliveries at dock for export.

Net receipts for the month amounted to 22,840,001 barrels compared with 21,088,151 in June and 20,348,912 in the corresponding month last year. Included in July receipts were 11,562,226 barrels of Alberta crude, 41,302 barrels of Alberta natural gasoline, 514,152 barrels of Manitoba crude, 898,508 barrels of Saskatchewan crude, 1,645,234 barrels of imported crude and 3,364,579 barrels of refinery products.

Gathering systems handled an average of 402,402 barrels per day compared with 377,004 barrels in June and 352,818 barrels one year earlier. Trunk lines delivered 91,912 barrels per day in the month under review, compared with 914,245 in June and 86,378 in July 1955.

Employment and earnings reached a new high for the third month in succession, with 1,564 employees earning \$670,493 as compared with 1,515 employees in June earning \$51,043. Barrel miles rose to 8,946 million from 8,105 in June and 7,508 in July 1955, a increase of 19 p.c. over the previous year.

The Westpur Pipe Line Company carrying oil from the Alida area in Southern Saskatchewan to connect with the Interprovincial pipe line at Cromer, Manitoba, is included for the first time in this report.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	242,720,822
during first seven months of 1956, per table 6	88,120,798
Received into Trunk Lines from other Canadian Pipe Lines	154,600,024
"Net Received" into Canadian Pipe Line Systems	72,706,297
"Net Received" into Trunk Systems per table 1	81,893,727
"Net Received" into Gathering Systems per table 2	
 Total Delivered out of Systems - all companies -	241,366,724
during first seven months of 1956, per table 6	90,614,497
Delivered to other Canadian Pipe Lines	150,752,227
"Net Delivered" from Canadian Pipe Line Systems	145,609,533
"Net Delivered" from Trunk Systems per table 1	5,142,694
"Net Delivered" from Gathering Systems per table 2	

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to July 31, 1956	9,312,621
Received into Trunk Systems January 1 to July 31, 1956	81,893,727
	203,501,122
	285,394,849
	294,707,470
Total oil accountable for period	81,935,455
Delivered from Gathering Systems January 1 to July 31, 1956	202,103,577
Delivered from Trunk Systems during January 1 to July 31, 1956	284,039,032
	10,668,438
Balance to be accounted for at July 31, 1956	299,475
Oil consumed as fuel and losses January 1 to July 31, 1956	10,368,963
Balance on hand - July 31, 1956	
Total Shippers Balances - July 31, 1956	9,785,654
Total Carriers Balances - July 31, 1956	583,309

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
July 1955	3,232,900	476,152
June 1956	2,607,286	564,970
July 1956	3,662,145	611,187

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	July 1956	June 1956	July 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	30,032,772	27,648,595	26,211,503	203,501,122
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,774,015	5,968,364	4,629,207	42,674,027
3. Other pipe lines - Gathering	3,096,402	2,859,334	3,576,307	20,593,420
4. Trunk	9,806,651	8,765,607	8,631,948	67,527,378
5. Net Received (6+7+8)	10,355,704	10,055,290	9,374,041	72,706,297
6. Originating on own trunk lines	3,764,851	3,532,296	3,481,832	27,914,410
7. Received from foreign pipe line connections	6,459,234	6,438,531	5,760,943	44,116,796
8. Received from other carriers (rail & truck)	131,619	84,463	131,266	675,091
9. Total Delivered * (10+11)	29,695,299	27,427,377	25,617,707	202,103,577
10. Less: Delivered to other Canadian trunk lines	8,660,774	7,542,066	7,005,421	56,494,044
11. Net Delivered (12+13+14)	21,034,525	19,885,311	18,612,286	145,609,533
12. Terminated on own trunk lines	14,166,756	13,891,735	13,403,229	100,203,122
13. Delivered to foreign pipe line connections	6,001,270	5,863,903	5,190,254	43,377,164
14. Delivered to other carriers (truck, rail and water)	866,499	129,673	18,803	2,029,247

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	July 1956	June 1956	July 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	12,484,297	11,322,861	10,974,871	81,893,727
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	12,484,297	11,322,861	10,974,871	81,893,727
18. Originating on own gathering system	12,069,713	11,075,959	10,738,636	79,911,813
19. Received from other carriers (rail & truck)	414,584	246,902	236,235	1,981,914
20. Total Delivered * (21+22+23)	12,474,476	11,310,133	10,937,367	81,935,455
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,774,015	5,968,364	4,629,207	42,672,308
22. Other pipe lines	5,410,997	5,104,345	5,221,302	34,120,453
23. Net Delivered (24+25)	289,464	237,424	1,086,858	5,142,694
24. Terminated on gathering systems	67,546	72,147	889,686	3,655,714
25. Delivered to other carriers (rail & truck)	221,918	165,277	197,172	1,486,980

/ Includes natural gasoline and products.
 * Includes duplications.
 / Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		July 1 9 5 6	June 1 9 5 6	July 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,107,536	10,158,086	10,034,318	73,523,617
"	- Trunk	556,238	517,263	581,787	3,828,233
Saskatchewan	- Gathering	862,609	702,571	558,973	5,173,603
"	- Trunk	35,899	16,640	-	68,180
Manitoba	- Gathering	514,152	462,204	381,580	3,196,507
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,780,079	1,613,123	1,976,006	14,378,386
Quebec (3)	- Trunk	7,983,488	7,908,264	6,816,248	54,431,498
Net Received	- Gathering	12,484,297	11,322,861	10,974,871	81,893,727
" "	- Trunk	10,355,704	10,055,290	9,374,041	72,706,297
" "	- Total	22,840,001	21,378,151	20,348,912	154,600,024

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		July 1 9 5 6	June 1 9 5 6	July 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,646,958	2,951,098	2,646,781	23,548,920
Alberta (1)	- Gathering	174,200	134,337	1,052,045	4,342,105
"	- Trunk	530,786	526,475	695,243	4,483,555
Saskatchewan	- Gathering	115,264	103,087	34,813	800,589
"	- Trunk	1,063,845	1,305,848	1,448,189	8,730,502
Manitoba	- Trunk	6,073,803	5,537,737	5,050,178	40,076,572
Ontario (2)	- Trunk	3,302,868	3,085,756	3,030,085	24,719,794
Quebec	- Trunk	6,416,265	6,478,397	5,741,810	44,050,190
Net Delivered	- Gathering	289,464	237,424	1,086,858	5,142,694
" "	- Trunk	21,034,525	19,885,311	18,612,286	145,609,531
" "	- Total	21,323,989	20,122,735	19,699,144	150,752,227
✱ Including exports to U.S.A.		1,591,627	* 1,050,536	843,600	*10,774,181
✱ Including deliveries to U.S. pipe lines, Grtna, Man.		5,259,894	4,935,191	4,346,654	34,477,891

* Revised

TABLE 5

OPERATING STATISTICS

		July 1 9 5 6	June 1 9 5 6	July 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	402,402	377,004	352,818	384,671
Trunk Lines	"	951,912	914,245	826,378	948,841
Total Barrel Miles (Trunk Lines)	Millions	8,946	8,105	7,508	59,831
Average Miles Per Barrel (Trunk Lines)	Miles	301.3	295.5	293.0	296.1
Employees and Earnings (6)					
Average Number (4)	No.	1,564	1,515	1,307	1,421
Total Salaries and Wages	\$	670,493	651,043	528,951	4,292,551
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,120	67,074	61,863	448,611

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6 PIPE LINE STATISTICS, BY COMPANIES

July, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month July, 1956	4,479,328	7,900,907	6,459,234	3,657,923	(2) 13,245,662	35,743,054
This year (7 months)	31,322,005	55,185,375	44,116,796	24,116,078	(3) 87,980,568	242,720,822
<u>Total Delivered out of System</u>						
This month July, 1956	4,480,561	7,735,138	6,416,265	3,646,958	(4) 13,116,838	35,395,760
This year (7 months)	31,352,829	54,778,208	44,050,190	23,548,920	(5) 87,636,577	241,366,724
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month July, 1956	144,534	-	-	-	257,868	402,402
This year (7 months)	147,196	-	-	-	237,447	384,673
<u>Trunk Lines</u>						
This month July, 1956	-	206,976	249,521	117,644	383,771	957,912
This year (7 months)	-	206,808	257,175	110,558	374,302	948,843
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month July, 1956	-	4,539	473	2,543	1,391	8,946
This year (7 months)	-	31,439	3,245	16,403	8,749	59,836
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month July, 1956	-	587.0	73.7	697.0	116.9	301.3
This year (7 months)	-	574.0	73.7	697.0	109.7	296.0
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	178	419	58	215	(6) 694	1,564
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month July, 1956	69,537	193,980	24,479	99,320	(6) 283,177	670,493
This year (7 months)	564,228	1,255,509	153,124	642,306	(6) 1,677,384	4,292,551
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month July, 1956	21,494	609	1,805	2,488	(6) 47,724	74,120
This year (7 months)	155,984	3,786	6,525	10,705	(6) 271,619	448,619

Totals include duplication between companies.

- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid Saskatchewan Pipe Lines Ltd.; Mobil Oil of Canada, Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company Ltd; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company Limited.
- (2) Includes 3,364,579 bbls. products and 41,302 bbls. natural gasoline.
- (3) Includes 25,205,792 bbls. products and 360,935 bbls. natural gasoline.
- (4) Includes 3,363,541 bbls. products and 42,469 bbls. natural gasoline.
- (5) Includes 25,233,007 bbls. products and 361,702 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd; Mobil Oil of Canada Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company, Ltd.
- (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Ltd; and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

MILLION
BARRELS

14 —

12 —

10 —

8 —

6 —

4 —

2 —

0 —

14 —

12 —

10 —

8 —

6 —

4 —

2 —

0 —

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

1956
1955

32 —

30 —

28 —

26 —

24 —

22 —

20 —

18 —

16 —

14 —

12 —

10 —

0 —

32 —

30 —

28 —

26 —

24 —

22 —

20 —

18 —

16 —

14 —

12 —

10 —

0 —

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

1956
1955

Jan.

Feb.

Mar.

Apr.

May.

June.

July.

Aug.

Sept.

Oct.

Nov.

Dec.

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PIPE LINES (OIL) STATISTICS

AUGUST, 1956.

With all major companies recording increased deliveries, total oil carried by Canadian pipe lines during August reached a new high at 24,769,675 barrels, or an average 799,022 barrels per day. This was an increase of 111,151 barrels per day, or 16 p.c., over the July average of 687,871 barrels and 152,111 barrels above the daily average of 2,911 in August 1955.

For the eight months ended August 31, 1956, net deliveries amounted to 177,922,271 barrels, compared with 143,415,453 barrels delivered during the same period last year, an increase of 24 p.c. Provincial deliveries for this period were as follows (1955 data in brackets): British Columbia 28,305,809 barrels (18,837,746); Alberta 13,077,540 barrels (9,904,927); Saskatchewan 10,974,565 barrels (10,749,905); Manitoba 46,376,095 barrels (36,267,464); Ontario 28,448,376 barrels (24,468,378); Quebec 50,739,886 barrels (38,187,033). Manitoba deliveries included 39,872,391 barrels (28,453,468) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount 10,983,322 barrels (8,286,046) were for export while the remainder was destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4, and include deliveries at dock for export.

The Imperial Refinery at Edmonton has been accepting deliveries of Pembina crude since June, with the result that a considerable drop occurred in net gathering deliveries offset by a compensating rise in trunk deliveries. Revisions due to this change are shown in table 4.

Net receipts for the month of August amounted to 25,315,644 barrels compared with 24,340,001 in July and 19,953,257 in the corresponding month last year. Included in the month's receipts were 13,010,483 barrels of Alberta crude, 50,008 barrels of Alberta natural gasoline, 507,735 barrels of Manitoba crude, 1,271,902 barrels of Saskatchewan crude, 49,589 barrels of imported crude and 3,825,927 barrels of refinery products.

Both gathering and trunk lines handled more oil than in the previous month. Gathering systems handled an average of 460,743 barrels per day, 14.5 p.c. above the July daily average of 402,402 barrels, and trunk lines rose by 12.8 p.c. to 1,073,805 barrels per day. The corresponding month last year recorded an average of 338,480 barrels handled by gathering systems and 825,255 barrels by trunk. Barrel miles rose 12.9 p.c. to a new high of 10,100 million.

Employment and earnings continued to rise with 1,607 employees earning \$692,385. Against the previous high in July of 1,564 employees earning \$670,493.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

04-508-86

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd., are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first eight months of 1956, per table 6	282,797,331
Received into Trunk Lines from other Canadian Pipe Lines	102,881,663
"Net Received" into Canadian Pipe Line Systems	179,915,668
"Net Received" into Trunk Systems per table 1	83,690,439
"Net Received" into Gathering Systems per table 2	96,225,229
Total Delivered out of Systems - all companies - during first eight months of 1956, per table 6	280,915,342
Delivered to other Canadian Pipe Lines	102,993,071
"Net Delivered" from Canadian Pipe Line Systems	177,922,271
"Net Delivered" from Trunk Systems per table 1	172,423,554
"Net Delivered" from Gathering Systems per table 2	5,498,717

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to August 31, 1956	96,225,229
Received into Trunk Systems January 1 to August 31, 1956	237,268,524
Total oil accountable for period	342,806,374
Delivered from Gathering Systems January 1 to August 31, 1956.....	96,218,513
Delivered from Trunk Systems during January 1 to August 31, 1956 .	235,391,532
Balance to be accounted for at August 31, 1956	11,196,329
Oil consumed as fuel and losses January 1 to August 31, 1956	325,162
Balance on hand - August 31, 1956	10,871,167
Total Shippers Balances - August 31, 1956	10,240,742
Total Carriers Balances - August 31, 1956	630,425

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
August, 1955	2,795,720	399,808
July, 1956	3,662,145	611,187
August, 1956	3,691,393	700,723

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	AUGUST 1 9 5 6	JULY 1 9 5 6	AUGUST 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	33,767,402	30,032,772	25,509,331	237,268,524
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,022,395	6,774,015	4,558,003	50,696,422
3. Other pipe lines - Gathering	3,708,687	3,096,402	3,168,916	24,302,107
4. Trunk	11,052,178	9,806,651	8,284,076	78,579,556
5. Net Received (6+7+8)	10,984,142	10,355,704	9,498,336	83,690,439
6. Originating on own trunk lines	4,228,191	3,764,851	3,543,722	32,142,601
7. Received from foreign pipe line connections	6,649,589	6,459,234	5,877,900	50,766,385
8. Received from other carriers (rail & truck)	106,362	131,619	76,714	781,453
9. Total Delivered * (10+11)	33,287,955	29,695,299	25,582,922	235,391,532
10. Less: Delivered to other Canadian trunk lines	8,874,303	x 7,500,241	6,767,449	62,967,978
11. Net Delivered (12+13+14)	24,413,652	x 22,195,058	18,815,473	172,423,554
12. Terminated on own trunk lines	16,241,824	x 15,327,289	13,209,648	118,845,315
13. Delivered to foreign pipe line connections	7,162,757	6,001,270	5,580,642	50,539,921
14. Delivered to other carriers (truck, rail and water)	1,009,071	866,499	25,183	3,038,318

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	AUGUST 1 9 5 6	JULY 1 9 5 6	AUGUST 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,331,502	12,484,297	10,454,921	96,225,229
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	14,331,502	12,484,297	10,454,921	96,225,229
18. Originating on own gathering system	13,745,907	12,069,713	10,108,441	93,657,720
19. Received from other carriers (rail & truck)	585,595	414,584	346,480	2,567,509
20. Total Delivered * (21+22+23)	14,283,058	12,474,476	10,492,877	96,218,513
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,022,395	6,774,015	4,558,003	50,694,703
22. Other pipe lines	5,904,640	5,410,997	4,696,102	40,025,093
23. Net Delivered (24+25)	356,023	289,464	1,238,772	5,498,717
24. Terminated on gathering systems	75,859	67,546	1,037,275	3,731,573
25. Delivered to other carriers (rail & truck)	280,164	221,918	201,497	1,767,144

Includes natural gasoline and products.

* Includes duplications.

Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		AUGUST 1 9 5 6	JULY 1 9 5 6	AUGUST 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,590,706	11,107,536	9,424,313	86,114,323
"	- Trunk	547,833	556,238	557,411	4,376,066
Saskatchewan	- Gathering	1,233,061	862,609	623,497	6,406,664
"	- Trunk	38,841	35,899	624	107,021
Manitoba	- Gathering	507,735	514,152	407,111	3,704,242
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,354,594	1,780,079	1,813,687	16,732,980
Quebec (3)	- Trunk	8,042,874	7,983,488	7,126,614	62,474,372
Net Received	- Gathering	14,331,502	12,484,297	10,454,921	96,225,229
" "	- Trunk	10,984,142	10,355,704	9,498,336	83,690,439
" "	- Total	25,315,644	22,840,001	19,953,257	179,915,668

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		AUGUST 1 9 5 6	JULY 1 9 5 6	AUGUST 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	Trunk	4,756,889	3,646,958	2,836,918	28,305,809
Alberta (1)	- Gathering	207,455	174,200	1,183,367	4,549,566
"	- Trunk	1,644,056	x 1,691,319	628,345	8,527,980
Saskatchewan	- Gathering	148,568	115,264	55,405	949,157
"	- Trunk	1,294,906	1,063,845	1,443,679	10,025,408
Manitoba	- Trunk	6,299,523	6,073,803	4,988,643	46,376,091
Ontario (2)	- Trunk	3,728,582	3,302,868	3,061,459	28,448,371
Quebec	- Trunk	6,689,696	6,416,265	3,856,429	50,739,881
Net Delivered	- Gathering	356,023	289,464	1,238,772	5,498,711
" "	- Trunk	24,413,652	x 22,195,058	18,815,473	172,423,555
" "	- Total	24,769,675	x 22,484,522	20,054,245	177,922,27
Including exports to U.S.A.		2,758,234	1,591,627	1,132,404	13,532,41
Including deliveries to U.S. pipe lines, Gretna, Man.		5,394,496	5,259,894	4,448,238	39,872,39

TABLE 5

OPERATING STATISTICS

		AUGUST 1 9 5 6	JULY 1 9 5 6	AUGUST 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	460,743	402,402	338,480	394,338
Trunk Lines	"	1,073,805	951,912	825,255	964,715
Total Barrel Miles (Trunk Lines)	Millions	10,100	8,946	7,605	70,50
Average Miles Per Barrel (Trunk Lines)	Miles	303.4	301.3	297.3	299..
Employees and Earnings (6)					
Average Number (4)	No.	1,607	1,564	1,336	1,44
Total Salaries and Wages	\$	692,385	670,493	534,746	4,984,93
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,307	74,120	60,751	522,92

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

AUGUST, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (August 1956)	4,969,763	8,749,267	6,649,589	4,725,011	(2) 14,982,879	40,076,509
This year (8 months)	36,291,768	63,934,642	50,766,385	28,841,089	(3) 102,963,447	282,797,331
<u>Total Delivered out of System</u>						
This month (August, 1956)	4,939,150	8,256,646	6,689,696	4,756,889	(4) 14,906,237	39,548,618
This year (8 months)	36,291,979	63,034,854	50,739,886	28,305,809	(5) 102,542,814	280,915,342
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (August, 1956)	159,327	-	-	-	301,407	460,743
This year (8 months)	148,737	-	-	-	245,601	394,338
<u>Trunk Lines</u>						
This month (August, 1956)	-	266,343	215,796	153,448	438,218	1,073,805
This year (8 months)	-	258,340	207,950	116,007	382,422	964,719
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>						
This month (August, 1956)	-	4,801	493	3,318	1,488	10,100
This year (8 months)	-	36,240	3,738	19,721	10,804	70,503
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (August, 1956)	-	581.0	73.7	6598.0	109.5	303.4
This year (8 months)	-	575.0	73.7	697.0	115.8	299.5
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956.	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956						
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	171	429	57	226	(6) 724	1,607
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (August, 1956)	68,759	190,455	24,273	110,427	(6) 298,471	692,385
This year (8 months)	632,987	1,445,964	177,397	752,733	(6) 1,975,855	4,984,936
<u>Man-Hours Worked by Wage Earners*</u>			<u>Hours</u>			
This month (August, 1956)	20,677	959	2,079	3,490	(6) 47,102	74,307
This year (8 months)	176,661	4,745	8,605	14,195	(6) 318,720	522,926

* Totals include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Canadian Gulf Pipe Line Company; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid Saskatchewan Pipe Lines Ltd.; Mobil Oil of Canada, Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company, Ltd; Pembina Pipe Line, Ltd.; Trans-Prairie Pipe Lines Limited; Saskatchewan Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company, Limited.

Includes 3,825,927 bbls. products and 50,008 bbls. natural gasoline.

Includes 29,031,699 bbls. products and 410,943 bbls. natural gasoline.

Includes 3,805,819 bbls. products and 48,379 bbls. natural gasoline.

Includes 29,038,806 bbls. products and 410,081 bbls. natural gasoline.

Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Ltd.; Mid-Saskatchewan Pipe Lines Ltd; Mobil Oil of Canada Ltd; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company, Ltd.

Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Ltd. and Sarnia Products Line.

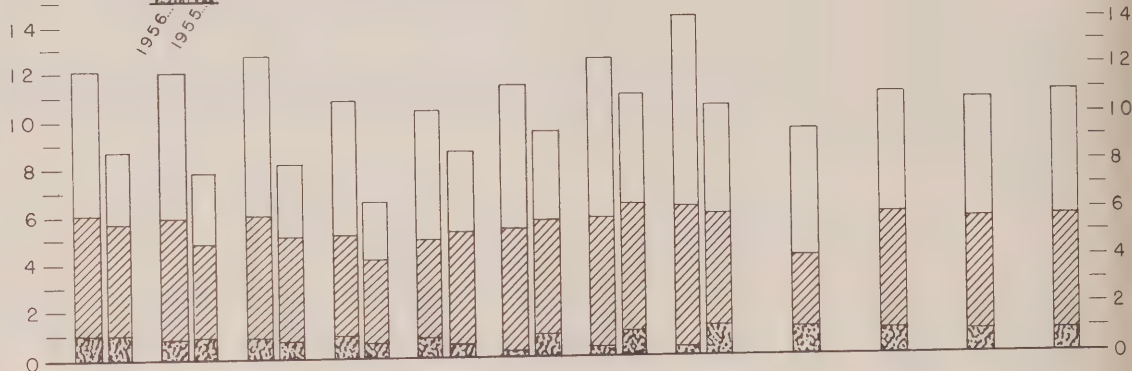
MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

MILLION
BARRELS

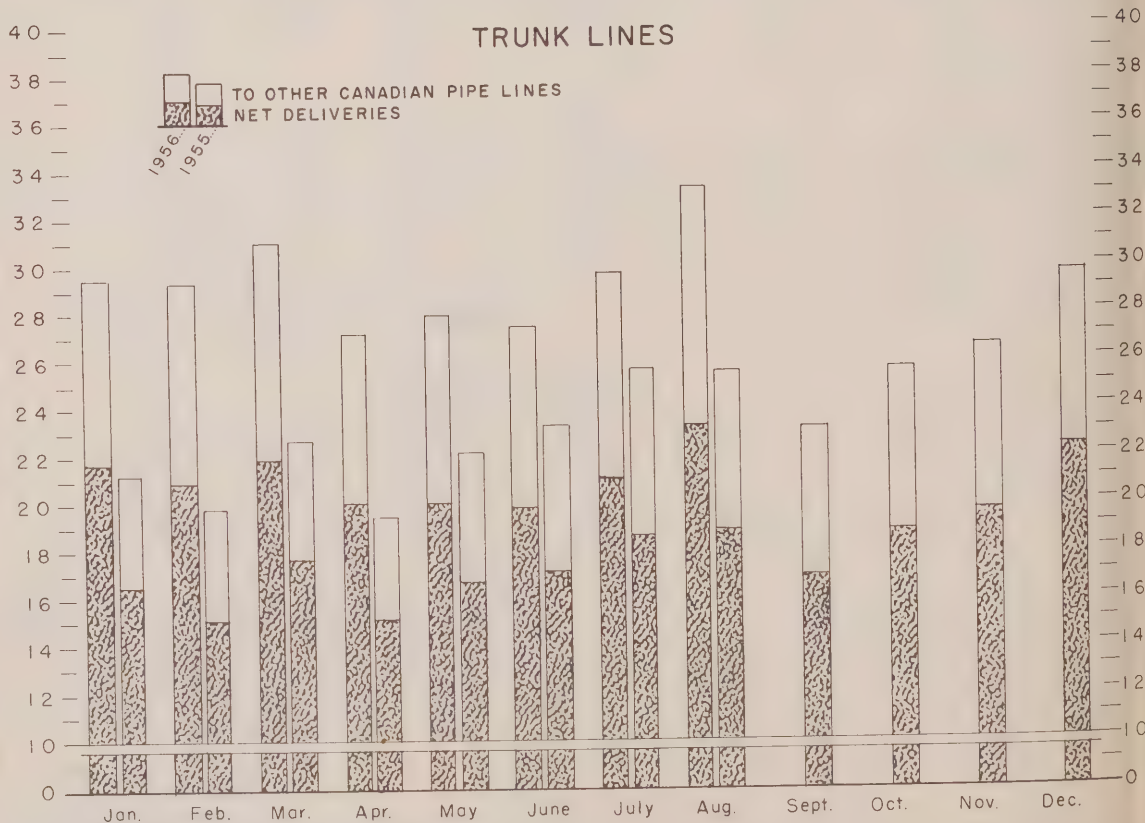
GATHERING SYSTEM

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



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OTTAWA - CANADA

SEP 26 1956



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Memorandum

6, No. 9

PIPE LINES (OIL) STATISTICS

SEPTEMBER, 1956

Price: \$1.00 per year

Oil carried by Canadian pipe lines declined during September. Net deliveries totalled 22,720,659 barrels, or an average of 757,355 barrels per day. This was a decrease of 41,667 barrels per day or 5.2 p.c. below the August average of 799,022, but 25.5 p.c. above the daily average of 603,275 barrels delivered during September, 1955.

For the nine months ended September 30, net deliveries amounted to 200,642,930 barrels compared with 161,513,689 for the same period last year, an increase of 24.2 p.c. Provincial totals for the period were as follows (1955 data in brackets): British Columbia 1,008,409 barrels (21,659,273); Alberta 14,487,824 (13,481,397); Saskatchewan 12,547,209 (1,770,706); Manitoba 52,589,754 (37,327,284); Ontario 31,620,624 (27,387,218); Quebec 389,110 (49,887,811). Manitoba deliveries included 45,304,339 barrels (31,874,197) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount 12,133,593 barrels (10,983,322) were for export while the remainder was destined to refineries at home. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4, and include all deliveries at dock for export.

For the month of September the Trans Mountain Oil Pipe Line Company reported a record export of 2,843,522 barrels, the bulk of which went to the United States. A total of 113,229 barrels, however, was exported to Japan.

Net receipts during the month of September amounted to 23,149,791 barrels, compared with 18,594,772 in the same month last year, an increase of 24.5 p.c. Included in the September receipts were 12,202,035 barrels of Alberta crude, 49,923 barrels of Alberta natural gasoline, 506,728 barrels of Manitoba crude, 1,403,647 barrels of Saskatchewan crude, 5,689,156 barrels of imported crude and 3,298,302 barrels of refinery products.

Gathering systems handled an average of 456,589 barrels per day compared with 417,743 barrels in August, and 313,499 barrels one year earlier. Trunk lines delivered 41,664 barrels per day in the month under review, compared with 1,073,805 in August and 1,788 in September 1955.

Barrel miles at 9,668 million, were down slightly from 10,100 million in August, but the average haul rose from 303.4 in the previous month to 309.3.

Employment showed little change, but salaries and wages rose to a new high of \$1,756 from \$692,385 in August. The average earning of \$444 for the month of September was the highest recorded.

Operating revenues for the third quarter of the year were up by over \$4 million, amounting to \$20,701,305 from \$16,642,668 in the previous quarter. For the nine months ended September 30, revenues totalled \$55,716,198 compared with \$42,174,590 for the same period in 1955, an increase of \$13,541,608 or 32 p.c.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4-508-96

Operations of the Cremona Pipe Lines, Limited, are included in this report. This line carries oil from the Sundre, Westward Ho, and Harnatton - Elkton areas in Alberta to Calgary and commenced operations on September 21.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd., are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Peace River Oil Pipe Line Company, Ltd., Anglo Canadian Oils, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first nine months of 1956, per table 6	319,881,306
Received into Trunk Lines from other Canadian Pipe Lines	116,815,847
"Net Received" into Canadian Pipe Line Systems	203,065,459
"Net Received" into Trunk Systems per table 1	93,170,895
"Net Received" into Gathering Systems per table 2	109,894,564
 Total Delivered out of Systems - all companies -	
during first nine months of 1956, per table 6	317,938,684
Delivered to other Canadian Pipe Lines	117,295,754
"Net Delivered" from Canadian Pipe Line Systems	200,642,930
"Net Delivered" from Trunk Systems per table 1	194,759,680
"Net Delivered" from Gathering Systems per table 2	5,883,250

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1956

	<u>Barrels</u>
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to September 30, 1956	109,894,564
Received into Trunk Systems January 1 to September 30, 1956	268,606,845
	378,501,409
 Total oil accountable for period	387,814,030
Delivered from Gathering Systems January 1 to September 30, 1956	109,916,208
Delivered from Trunk Systems during January 1 to September 30, 1956	266,640,860
	376,557,068
 Balance to be accounted for at July 31, 1956	11,256,962
Oil consumed as fuel and losses January 1 to September 30, 1956	374,487
Balance on hand - September 30, 1956	10,882,475
Total Shippers Balances - September 30, 1956	10,208,331
Total Carriers Balances - September 30, 1956	674,144

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
September, 1955	2,978,580	425,359
August, 1956	3,691,393	700,723
September, 1956	3,424,153	641,966

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	SEPTEMBER 1956	AUGUST 1956	SEPTEMBER 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	31,338,321	33,767,402	23,500,215	268,606,845
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,923,681	8,022,395	4,227,920	58,620,103
3. Other pipe lines - Gathering	3,610,252	3,708,687	2,757,925	27,912,359
4. Trunk	10,323,932	11,052,178	7,330,794	88,903,488
5. <u>Net Received (6+7+8)</u>	9,480,456	10,984,142	9,183,576	93,170,895
6. Originating on own trunk lines	3,682,241	4,228,191	3,394,925	35,824,842
7. Received from foreign pipe line connections	5,689,156	6,649,589	5,718,817	56,455,541
8. Received from other carriers (rail & truck)	109,059	106,362	69,834	890,512
9. <u>Total Delivered * (10+11)</u>	31,249,328	33,287,955	23,183,651	266,640,860
10. Less: Delivered to other Canadian trunk lines	8,913,202	8,874,303	6,249,979	71,881,180
11. <u>Net Delivered (12+13+14)</u>	22,336,126	24,413,652	16,933,672	194,759,680
12. Terminated on own trunk lines	14,038,069	16,241,824	12,369,490	132,883,384
13. Delivered to foreign pipe line connections	7,290,901	7,162,757	4,546,002	57,830,822
14. Delivered to other carriers (truck, rail and water)	1,007,156	1,009,071	18,180	4,045,474

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	SEPTEMBER 1956	AUGUST 1956	SEPTEMBER 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,669,335	14,331,502	9,411,196	109,894,564
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	13,669,335	14,331,502	9,411,196	109,894,564
18. Originating on own gathering system	12,951,143	13,745,907	9,127,011	106,608,863
19. Received from other carriers (rail & truck)	718,192	585,595	284,185	3,285,701
20. <u>Total Delivered * (21+22+23)</u>	13,697,695	14,283,058	9,404,958	109,916,208
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,923,681	8,022,395	4,227,920	58,618,384
22. Other pipe lines	5,389,481	5,904,640	4,012,474	45,414,574
23. <u>Net Delivered (24+25)</u>	384,533	356,023	1,164,564	5,883,250
24. Terminated on gathering systems	93,149	75,859	958,678	3,824,722
25. Delivered to other carriers (rail & truck)	291,384	280,164	205,886	2,058,528

¹ Includes natural gasoline and products.

* Includes duplications.

² Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		SEPTEMBER	AUGUST	SEPTEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,796,503	12,590,706	8,499,113	97,910,826
"	- Trunk	535,214	547,833	521,960	4,911,280
Saskatchewan	- Gathering	1,366,104	1,233,061	518,210	7,772,768
"	- Trunk	37,543	38,841	-	144,564
Manitoba	- Gathering	506,728	507,735	393,873	4,210,970
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,720,171	2,354,594	1,818,526	18,453,151
Quebec (3)	- Trunk	7,187,528	8,042,874	6,843,090	69,661,900
Net Received	- Gathering	13,669,335	14,331,502	9,411,196	109,894,564
" "	- Trunk	9,480,456	10,984,142	9,183,576	93,170,895
" "	- Total	23,149,791	25,315,644	18,594,772	203,065,459

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		SEPTEMBER	AUGUST	SEPTEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,702,600	4,756,889	2,821,527	33,008,409
Alberta (1)	- Gathering	260,919	207,455	1,128,560	4,810,479
"	- Trunk	1,149,365	1,644,056	447,910	9,677,345
Saskatchewan	- Gathering	123,614	148,568	36,004	1,072,771
"	- Trunk	1,449,030	1,294,906	984,797	11,474,438
Manitoba	- Trunk	6,213,659	6,299,523	4,059,820	52,589,754
Ontario (2)	- Trunk	3,172,248	3,728,582	2,918,840	31,620,624
Quebec	- Trunk	5,649,224	6,689,696	5,700,778	56,389,110
Net Delivered	- Gathering	384,533	356,023	1,164,564	5,883,250
" "	- Trunk	22,336,126	24,413,652	16,933,672	194,759,680
" "	- Total	22,720,659	24,769,675	18,098,236	200,642,930
✧	Including exports	2,843,522	2,758,234	1,125,273	16,375,936
♢	Including deliveries to U.S. pipe lines, Gretna, Man.	5,431,948	5,394,496	3,420,729	45,304,339

TABLE 5

OPERATING STATISTICS

		SEPTEMBER	AUGUST	SEPTEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	456,589	460,743	313,499	401,154
Trunk Lines	"	1,041,644	1,073,805	772,788	973,141
Total Barrel Miles (Trunk Lines)	Millions	9,668	10,100	6,608	80,171
Average Miles Per Barrel (Trunk Lines)	Miles	309.3	303.4	285.0	300.6
Employees and Earnings (6)					
Average Number (4)	No.	1,604	1,607	1,292	1,355
Total Salaries and Wages	\$	711,756	692,385	537,432	5,696,692
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,992	74,307	58,638	597,917

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.

TABLE 6
PIPE LINE STATISTICS, BY COMPANIES

September, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (September, 1956)	4,472,609	8,146,721	5,689,156	4,556,284	(2) 14,219,205	37,083,975
This year (9 months)	40,764,377	72,081,363	56,455,541	33,397,373	(3) 117,182,652	319,881,306
<u>Total Delivered out of System</u>						
This month (September, 1956)	4,480,958	8,160,644	5,649,224	4,702,600	(4) 14,029,916	37,023,342
This year (9 months)	40,772,937	71,195,498	56,389,110	33,008,409	(5) 116,572,730	317,938,684
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (September, 1956)	149,365	-	-	-	307,224	456,589
This year (9 months)	148,806	-	-	-	252,348	401,154
<u>Trunk Lines</u>						
This month (September, 1956)	-	272,021	188,307	156,753	424,563	1,041,644
This year (9 months)	-	259,838	205,799	120,469	387,035	973,141
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (September, 1956)	-	4,587	417	3,291	1,373	9,668
This year (9 months)	-	40,827	4,155	23,012	12,177	80,171
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (September, 1956)	-	562.0	73.8	700.0	107.7	309.3
This year (9 months)	-	573.0	73.7	697.0	114.8	300.6
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956	2,878,530	18,090,437	1,922,595	15,650,352	(7) 17,174,284	55,716,198
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
<u>Number of Employees</u>	174	434	55	218	(6) 723	1,604
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (September, 1956)	67,313	192,820	24,825	110,897	(6) 315,901	711,756
This year (9 months)	700,300	1,638,784	202,222	863,630	(6) 2,291,756	5,696,692
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (September, 1956)	20,471	1,948	1,942	1,664	(6) 48,967	74,992
This year (9 months)	197,132	6,692	10,547	15,859	(6) 367,687	597,917

Totals include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Britam Oil Pipe Line Company, Limited; Cremona Pipe Lines, Limited; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company, Limited; Pembina Pipe Line, Limited; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company, Limited.

Includes 3,298,302 bbls. products and 49,923 bbls. natural gasoline.

Includes 32,330,001 bbls. products and 459,866 bbls. natural gasoline.

Includes 3,251,803 bbls. products and 49,143 bbls. natural gasoline.

Includes 32,290,609 bbls. products and 459,224 bbls. natural gasoline.

Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada

Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Limited.

Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

MILLION
BARREL

GATHERING SYSTEM

20 —

— 20

18 —

— 18

16 —

— 16

14 —

— 14

12 —

— 12

10 —

— 10

8 —

— 8

6 —

— 6

4 —

— 4

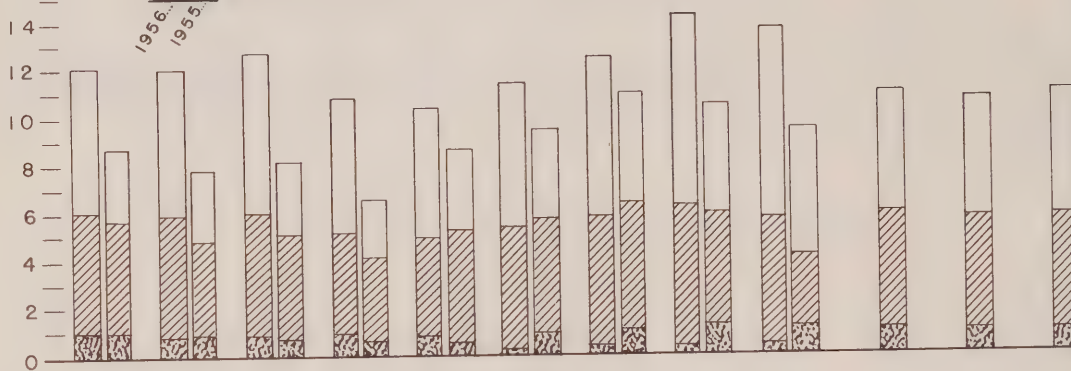
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TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

40 —

— 40

38 —

— 38

36 —

— 36

34 —

— 34

32 —

— 32

30 —

— 30

28 —

— 28

26 —

— 26

24 —

— 24

22 —

— 22

20 —

— 20

18 —

— 18

16 —

— 16

14 —

— 14

12 —

— 12

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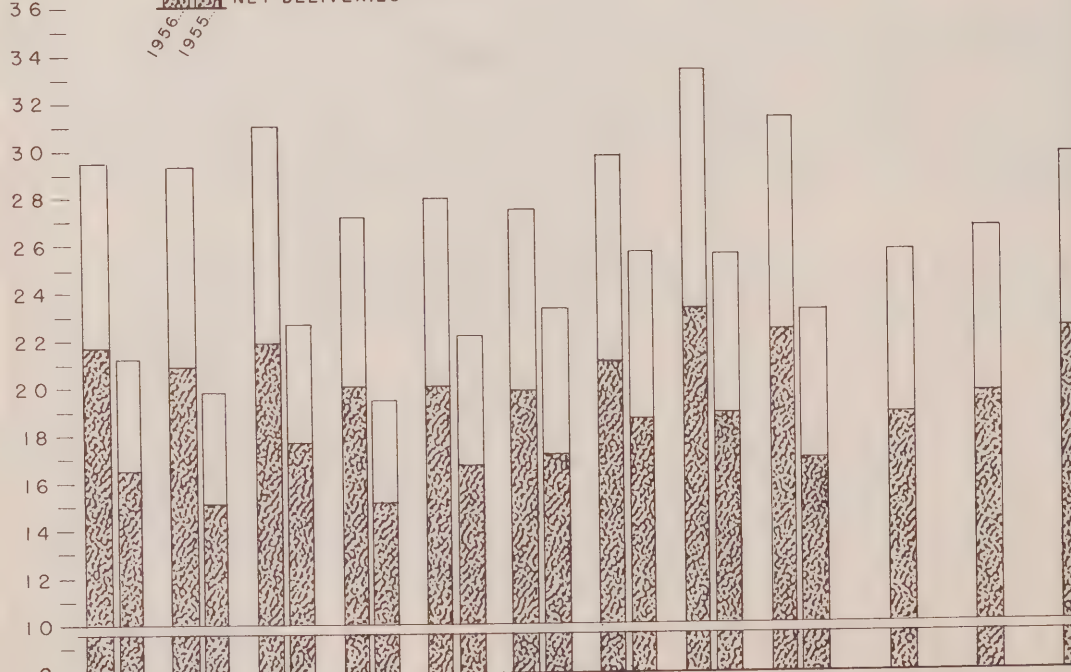
2 —

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0 —

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TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



Jan.

Feb.

Mar.

Apr.

May

June

July

Aug.

Sept.

Oct.

Nov.

Dec.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Memorandum

1. 6, No. 10

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

OCTOBER, 1956

Canadian pipe lines recorded a total net delivery of 23,819,540 barrels of oil in October, or an average of 768,372 barrels per day, an increase of 11,017 barrels above the September average of 757,355 barrels per day.

For the ten months ended October 31, net deliveries amounted to 224,462,470 barrels compared with 181,440,143 for the same period of 1955, an increase of 23.7 p.c. Deliveries by provinces to the end of October were as follows, with corresponding data for 1955 in brackets: British Columbia, 37,927,740 barrels (24,227,134); Alberta 15,597,436 barrels (11,142,919); Saskatchewan, 13,824,038 barrels (12,989,591); Manitoba, 58,999,057 barrels (44,809,779); Ontario 35,206,125 barrels (30,646,070); and Quebec, 62,908,074 barrels (45,624,650). Included in Manitoba deliveries were 50,859,863 barrels (36,731,430) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount 13,227,237 barrels (8,212,646) were for export while the remainder was transported through the United States, destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in footnote to table 4, and include all deliveries at dock for export.

Net receipts for the month of October amounted to 25,055,897 barrels compared with 20,512,249 in the same month last year, an increase of 22.2 p.c. October receipts included 14,244,109 barrels of Alberta crude, and 60,863 of Alberta natural gasoline, 1,858,632 barrels of Saskatchewan crude, 527,609 of Manitoba crude, 6,519,479 of imported crude and 55,205 barrels of refinery products.

Gathering systems handled an average of 459,369 barrels per day, compared with 350,589 in September and 354,438 in October 1955. Trunk line deliveries rose to a new high of 1,094,474 barrels daily from 1,041,644 last month and 828,647 one year earlier.

Barrel miles at 10,048 million were up from 9,693 in September, but the average length of haul fell to 296.1 from 310.2 in the previous month.

The number of employees showed little change but salaries again reached a new high of \$747,474, up from \$711,756 in September, an increase of \$35,718 or 5 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd., are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Rex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Peace River Oil Pipe Line Company, Ltd., Anglo Canadian Oils, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other appropriate sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

0-508-106

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first ten months of 1956, per table 6	359,725,950
Received into Trunk Lines from other Canadian Pipe Lines	131,604,594
"Net Received" into Canadian Pipe Line Systems	228,121,356
"Net Received" into Trunk Systems per table 1	103,923,577
"Net Received" into Gathering Systems per table 2	124,197,779
Total Delivered out of Systems - all companies -	
during first ten months of 1956, per table 6	357,413,177
Delivered to other Canadian Pipe Lines	132,950,707
"Net Delivered" from Canadian Pipe Line Systems	224,462,470
"Net Delivered" from Trunk Systems per table 1	218,341,297
"Net Delivered" from Gathering Systems per table 2	6,121,173

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for October and are given herewith:

OIL BALANCE - ALL COMPANIES - OCTOBER, 1956

	Barrels
Total Shippers Balances - January 1, 1956	8,937,210
Total Carriers Balances - January 1, 1956	375,411
Received into Gathering Systems January 1 to October 31, 1956	124,197,779
Received into Trunk Systems January 1 to October 31, 1956	302,842,939
	427,040,718
Total oil accountable for period	436,353,339
Delivered from Gathering Systems January 1 to October 31, 1956 ...	124,156,658
Delivered from Trunk Systems during January 1 to October 31, 1956.	300,569,568
	424,726,226
Balance to be accounted for at October 31, 1956	11,627,113
Oil consumed as fuel and losses January 1 to October 31, 1956	463,652
Balance on hand - October 31, 1956	11,163,461
Total Shippers Balances - October 31, 1956	10,503,831
Total Carriers Balances - October 31, 1956	659,630

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
October, 1955	2,279,303	480,340
September, 1956	3,424,153	641,966
October, 1956	3,200,226	533,574

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	OCTOBER 1 9 5 6	SEPTEMBER 1 9 5 6	OCTOBER 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	34,236,094	31,338,321	26,311,012	302,842,939
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,694,665	7,923,681	5,071,705	67,314,768
3. Other pipe lines - Gathering	3,916,684	3,610,252	3,211,975	31,829,043
4. Trunk	10,872,063	10,323,932	8,484,341	99,775,551
5. <u>Net Received (6+7+8)</u>	10,752,682	9,480,456	9,542,991	103,923,577
6. Originating on own trunk lines	4,058,913	3,682,241	3,756,587	39,883,755
7. Received from foreign pipe line connections	6,519,479	5,689,156	5,670,536	62,975,020
8. Received from other carriers (rail & truck)	174,290	109,059	115,868	1,064,802
9. <u>Total Delivered * (10+11)</u>	33,928,708	31,249,328	25,688,047	300,569,568
10. Less: Delivered to other Canadian trunk lines	10,347,091	8,913,202	6,789,301	82,228,271
11. <u>Net Delivered (12+13+14)</u>	23,581,617	22,336,126	18,898,746	218,341,297
12. Terminated on own trunk lines	15,175,151	14,038,069	12,595,670	148,058,535
13. Delivered to foreign pipe line connections	7,832,108	7,290,901	6,280,844	65,662,930
14. Delivered to other carriers (truck, rail and water)	574,358	1,007,156	22,232	4,619,832

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	OCTOBER 1 9 5 6	SEPTEMBER 1 9 5 6	OCTOBER 1 9 5 5	YEAR TO DATE 1 9 5 6
	Barrels	Barrels	Barrels	Barrels
5. <u>Total Received (16+17)</u>	14,303,215	13,669,335	10,969,258	124,197,779
6. Less: Received from other gathering systems	-	-	-	-
7. <u>Net Received (18+19)</u>	14,303,215	13,669,335	10,969,258	124,197,779
8. Originating on own gathering system	13,549,092	12,951,143	10,577,168	120,157,955
9. Received from other carriers (rail & truck)	754,123	718,192	392,090	4,039,824
0. <u>Total Delivered * (21+22+23)</u>	14,240,450	13,697,695	10,987,578	124,156,658
Less: Delivered to other pipe lines -				
1. Own Trunk system	8,694,665	7,923,681	5,071,705	67,313,049
2. Other pipe lines	5,307,862	5,389,481	4,888,165	50,722,436
3. <u>Net Delivered (24+25)</u>	237,923	384,533	1,027,708	6,121,173
4. Terminated on gathering systems	112,849	93,149	838,270	3,937,571
5. Delivered to other carriers (rail & truck)	125,074	291,384	189,438	2,183,602

¹ Includes natural gasoline and products.

* Includes duplications.

⁶ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		OCTOBER 1 9 5 6	SEPTEMBER 1 9 5 6	OCTOBER 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,940,278	11,796,503	9,948,109	109,851,104
"	- Trunk	634,353	535,214	601,464	5,545,633
Saskatchewan	- Gathering	1,835,328	1,366,104	592,287	9,608,096
"	- Trunk	23,304	37,543	1,484	167,868
Manitoba	- Gathering	527,609	506,728	428,862	4,738,579
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,040,251	1,720,171	2,019,931	20,493,402
Quebec (3)	- Trunk	8,054,774	7,187,528	6,920,112	77,716,674
Net Received	- Gathering	14,303,215	13,669,335	10,969,258	124,197,779
"	- Trunk	10,752,682	9,480,456	9,542,991	103,923,577
"	- Total	25,055,897	23,149,791	20,512,249	228,121,356

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		OCTOBER 1 9 5 6	SEPTEMBER 1 9 5 6	OCTOBER 1 9 5 5	YEAR TO DATE 1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,919,331	4,702,600	2,567,861	37,927,740
Alberta (1)	- Gathering	209,998	260,919	990,846	5,020,477
"	- Trunk	899,614	1,149,365	670,676	10,576,959
Saskatchewan	- Gathering	27,925	123,614	36,862	1,100,696
"	- Trunk	1,248,904	1,449,030	1,182,023	12,723,342
Manitoba	- Trunk	6,409,303	6,213,659	5,482,495	58,999,057
Ontario (2)	- Trunk	3,585,501	3,172,248	3,258,852	35,206,125
Quebec	- Trunk	6,518,964	5,649,224	5,736,839	62,908,074
Net Delivered	- Gathering	237,923	384,533	1,027,708	6,121,173
"	- Trunk	23,581,617	22,336,126	18,898,746	218,341,297
"	- Total	23,819,540	22,720,659	19,926,454	224,462,470
✶ Including exports		2,826,278	2,843,522	1,423,611	19,202,214
✶ Including deliveries to U.S. pipe lines, Gretna, Man.		5,555,524	5,431,948	4,857,233	50,859,863

TABLE 5

OPERATING STATISTICS

		OCTOBER 1 9 5 6	SEPTEMBER 1 9 5 6	OCTOBER 1 9 5 5	YEAR TO DATE 1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	459,369	456,589	354,438	407,071
Trunk Lines	"	1,094,474	1,041,644	828,647	1,018,260
Total Barrel Miles (Trunk Lines)	Millions	10,048	x 9,693	7,675	90,245
Average Miles Per Barrel (Trunk Lines)	Miles	296.1	x 310.2	298.8	290.5
Employees and Earnings (6)					
Average Number (4)	No.	1,575	1,604	1,301	1,477
Total Salaries and Wages	\$	747,474	711,756	540,097	6,444,166
Man-Hours Worked by Wage Earners (5) (6)	Hours	79,167	74,992	59,005	677,084

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6
PIPE LINE STATISTICS, BY COMPANIES
OCTOBER, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (October, 1956)	4,378,850	8,313,526	6,519,479	5,202,202	(2) 15,430,587	39,844,644
This year (10 months)	45,143,227	80,394,889	62,975,020	38,599,575	(3) 132,613,239	359,725,950
<u>Total Delivered out of System</u>						
This month (October, 1956)	4,379,002	8,229,256	6,518,964	4,919,331	(4) 15,427,940	39,474,493
This year (10 months)	45,151,939	79,424,754	62,908,074	37,927,740	(5) 132,000,670	357,413,177
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (October, 1956)	141,258	-	-	-	318,111	459,369
This year (10 months)	148,039	-	-	-	259,032	407,071
<u>Trunk Lines</u>						
This month (October, 1956)	-	265,460	210,908	158,688	459,418	1,094,474
This year (10 months)	-	261,266	210,289	124,353	422,352	1,018,260
<u>Total Barrel Miles</u>			<u>Miles</u>			
(Trunk Lines - in millions)						
This month (October, 1956)	-	4,569	480	3,390	1,609	10,048
This year (10 months)	-	45,396	4,634	26,402	13,813	90,245
<u>Average Miles Per Barrel</u>						
(Trunk Lines)						
This month (October, 1956)	-	555.0	73.7	689.0	112.8	296.1
This year (10 months)	-	572.0	73.7	696.0	114.8	290.5
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956	2,878,530	18,090,437	1,922,595	15,650,352	(7) 17,174,284	55,716,198
Twelve Months ending Dec. 31, 1956						
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees	162	401	54	221	(6) 737	1,575
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (October, 1956)	66,367	190,668	24,790	107,327	(6) 358,322	747,474
This year (10 months)	766,667	1,829,452	227,012	970,957	(6) 2,650,078	6,444,166
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (October, 1956)	21,068	409	1,795	1,837	(6) 54,058	79,167
This year (10 months)	218,200	7,102	12,342	17,695	(6) 421,745	677,084

Totals include duplication between companies.

(Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Britamail Pipe Line Company, Limited; Cremona Pipe Lines, Limited; Edmonton Pipe Line Co. Limited; Gibson Crude Oil Purchasing Co. Limited; Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company, Limited; Pembina Pipe Line, Limited; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company, Limited.

(Includes 3,655,205 bbls. products and 60,863 bbls. natural gasoline.

(Includes 35,980,206 bbls. products and 520,729 bbls. natural gasoline.

(Includes 3,666,711 bbls. products and 59,044 bbls. natural gasoline.

(Includes 35,957,408 bbls. products and 518,268 bbls. natural gasoline.

(Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Limited.

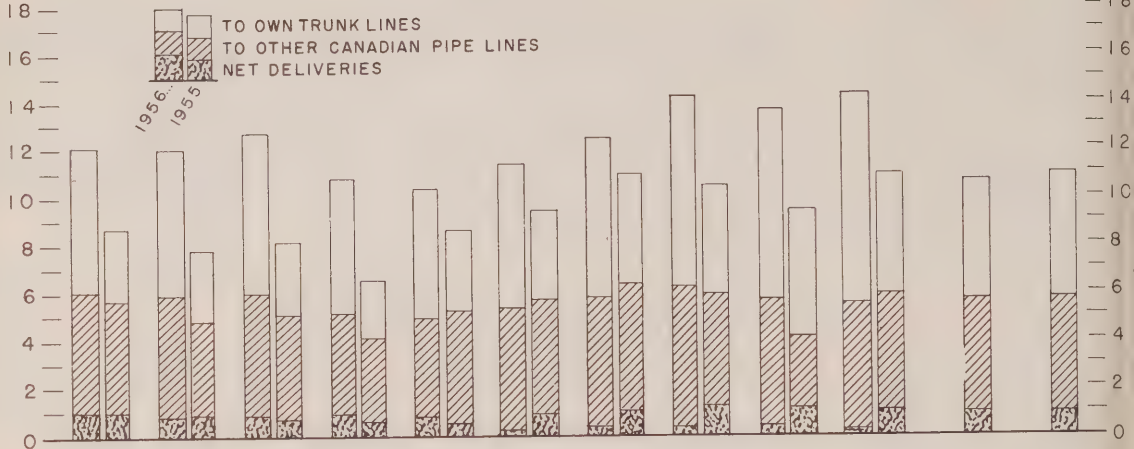
(Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

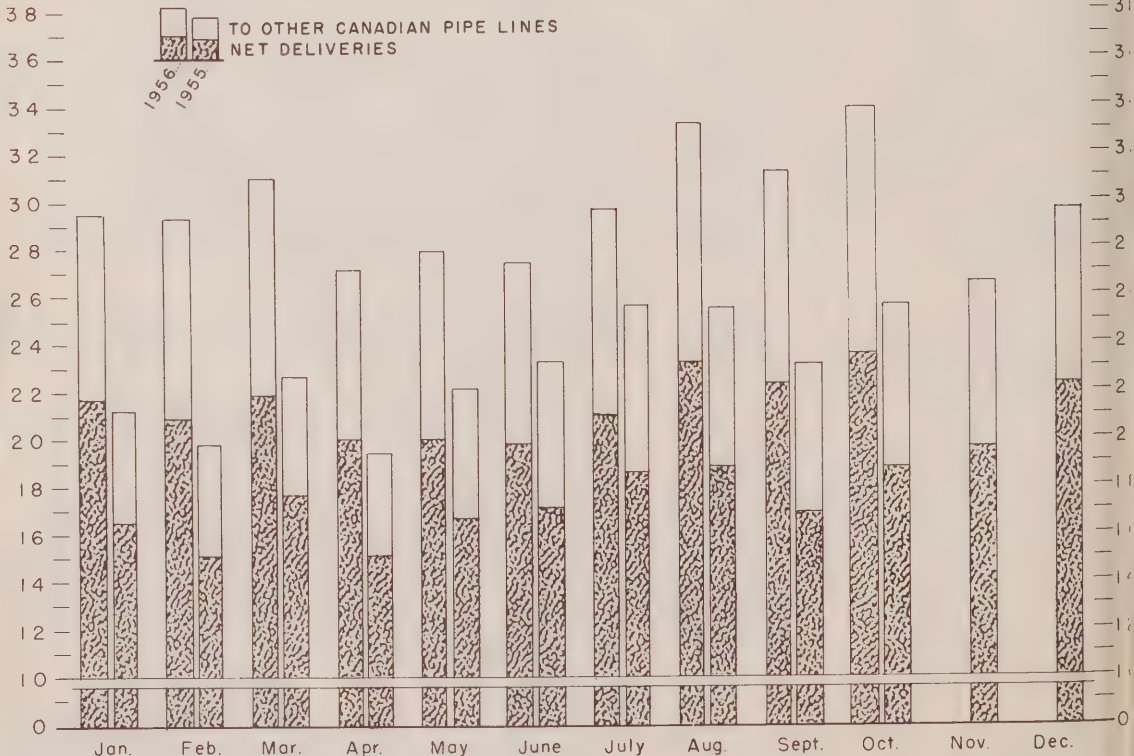
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES





6, No. 11

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

NOVEMBER, 1956.

Oil carried by Canadian pipe lines reached a new high in November with an average delivery of 808,399 barrels per day as against the previous record of 799,022 reached in August and some 40,000 barrels above the October daily average of 768,372. Net deliveries for the month totalled 24,251,985 barrels compared with 20,556,669 in November, 1955, an increase of almost 18 per cent.

For the eleven months ended November 30, net deliveries amounted to 248,696,409 barrels compared with 202,060,479 in the corresponding period of 1955, up by 23 per cent. Provincial deliveries for the period were as follows (1955 data in brackets): British Columbia 58,109 barrels (27,200,557); Alberta 16,754,697 (16,862,071); Saskatchewan 15,249,771 (15,558,876); Manitoba 66,015,603 (48,236,720); Ontario 38,726,998 (34,074,105) and Quebec 91,231 (61,631,150). Manitoba deliveries included 56,973,104 barrels (41,555,187) delivered by the Lakehead Pipe Line Company at Gretna. Of this amount 14,952,692 barrels (4,133,025) were for export while the remainder moved through the United States destined to refineries at Montreal. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export. The November figure includes 110,460 barrels shipped to Japan.

Net receipts for the month of November totalled 24,861,315 barrels compared with 20,934,205 in November, 1955, an increase of 19.6 per cent. Receipts for the month included 19,992 barrels of Alberta crude and 60,719 of Alberta natural gasoline, 1,923,894 barrels of Saskatchewan crude, 483,194 of Manitoba crude, 6,642,278 of imported crude and 3,591,238 barrels of refinery products.

New records were established in November by both gathering and trunk lines. Gathering systems handled an average of 468,115 barrels per day compared with the previous record of 460,743 reached in August and 31 per cent above the corresponding month last year. Trunk lines delivered an average of 1,133,712 barrels per day, 39,238 above the October record of 1,094,474 and an increase of 28 per cent over the average of 884,610 barrels for November, 1955.

Barrel miles dropped to 9,928 million from 10,048 in October and the length of pipeline also declined to 291.9 miles from 296.1.

The number of employees rose to 1,583 from 1,575 in October, but total salaries and wages declined to \$708,707 from \$747,474, down by \$38,767.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Limited are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil Canada, Ltd., Nisku Products Pipe Line Company, Peace River Oil Pipe Line Company, Ltd., Canadian Oils, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4508-116

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eleven months of 1956, per table 6	398,897,346
Received into Trunk Lines from other Canadian Pipe Lines	145,914,675
"Net Received" into Canadian Pipe Line Systems	252,982,671
"Net Received" into Trunk Systems per table 1	114,759,817
"Net Received" into Gathering Systems per table 2	138,222,854
Total Delivered out of Systems - all companies -	
during first eleven months of 1956, per table 6	396,845,119
Delivered to other Canadian Pipe Lines	148,148,710
"Net Delivered" from Canadian Pipe Line Systems	248,696,409
"Net Delivered" from Trunk Systems per table 1	242,397,022
"Net Delivered" from Gathering Systems per table 2	6,299,387

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for November and are given herewith:

OIL BALANCE - ALL COMPANIES - NOVEMBER, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to November 30, 1956	138,222,854	
Received into Trunk Systems January 1 to November 30, 1956	336,612,164	474,835,018
Total oil accountable for period		484,147,639
Delivered from Gathering Systems January 1 to November 30, 1956	138,200,116	
Delivered from Trunk Systems during January 1 to November 30, 1956..	334,580,956	472,781,072
Balance to be accounted for at November 30, 1956		11,366,567
Oil consumed as fuel and losses, January 1 to November 30, 1956		494,200
Balance on hand - November 30, 1956		10,872,367
Total Shippers Balances - November 30, 1956	10,183,803	
Total Carriers Balances - November 30, 1956	688,564	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
November, 1955	2,566,064	367,500
October, 1956	3,200,226	533,574
November, 1956	3,903,984	486,463

OIL CARRIED BY PIPE LINES - TRUNK

TABLE 1

	November 1956	October 1956	November 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	33,769,225	34,236,094	26,708,487	336,612,164
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,622,904	8,694,665	5,076,712	75,937,672
3. Other pipe lines - Gathering	3,976,273	3,916,684	2,998,818	35,805,316
4. Trunk	10,333,808	10,872,063	8,608,460	110,109,359
5. Net Received (6+7+8)	10,836,240	10,752,682	10,024,497	114,759,817
6. Originating on own trunk lines	3,993,640	4,058,913	3,919,513	43,877,395
7. Received from foreign pipe line connections	6,642,278	6,519,479	6,012,795	69,617,298
8. Received from other carriers (rail & truck)	200,322	174,290	92,189	1,265,124
9. Total Delivered * (10+11)	34,011,388	33,928,708	26,538,309	334,580,956
10. Less: Delivered to other Canadian trunk lines	9,955,663	10,347,091	6,926,151	92,183,934
11. Net Delivered (12+13+14)	24,055,725	23,581,617	19,612,158	242,397,022
12. Terminated on own trunk lines	14,895,866	15,175,151	13,471,294	162,954,401
13. Delivered to foreign pipe line connections	8,375,430	7,832,108	6,105,786	74,038,360
14. Delivered to other carriers (truck, rail and water)	784,429	574,358	35,078	5,404,261

OIL CARRIED BY PIPE LINES - GATHERING

TABLE 2

	November 1956	October ^x 1956	November 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,025,075	14,303,215	10,759,708	138,222,854
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	14,025,075	14,303,215	10,759,708	138,222,854
18. Originating on own gathering system	13,379,582	13,549,092	10,404,376	133,537,537
19. Received from other carriers (rail & truck)	645,493	754,123	355,332	4,685,317
20. Total Delivered * (21+22+23)	14,043,458	14,240,450	10,697,482	138,200,116
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,622,904	8,694,665	5,076,712	75,935,953
22. Other pipe lines	5,224,294	5,325,908	4,676,259	55,964,776
23. Net Delivered (24+25)	196,260	219,877	944,511	6,299,387
24. Terminated on gathering systems	111,933	112,849	769,644	4,049,504
25. Delivered to other carriers (rail & truck)	84,327	107,028	174,867	2,249,883

[/] Includes natural gasoline and products.

^{*} Includes duplications.

^o Includes natural gasoline.

^x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		November	October	November	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,623,996	11,940,278	9,811,530	121,475,100
"	- Trunk	683,452	634,353	576,599	6,229,085
Saskatchewan	- Gathering	1,917,885	1,835,328	543,831	11,525,981
"	- Trunk	6,009	23,304	451	173,877
Manitoba	- Gathering	483,194	527,609	404,347	5,221,773
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,909,396	2,040,251	2,135,026	22,402,798
Quebec (3)	- Trunk	8,237,383	8,054,774	7,312,421	85,954,057
Net Received	- Gathering	14,025,075	14,303,215	10,759,708	138,222,854
" "	- Trunk	10,836,240	10,752,682	10,024,497	114,759,817
" "	- Total	24,861,315	25,055,897	20,784,205	252,982,671

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		November	October*	November	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	✓ Trunk	4,430,369	4,919,331	2,973,423	42,358,109
Alberta (1)	- Gathering	173,517	191,952	909,024	5,175,948
"	- Trunk	1,001,790	899,614	746,461	11,578,749
Saskatchewan	- Gathering	22,743	27,925	35,487	1,123,439
"	- Trunk	1,402,990	1,248,904	1,030,798	14,126,332
Manitoba	✓ Trunk	7,016,546	6,409,303	5,426,941	66,015,603
Ontario (2)	- Trunk	3,520,873	3,585,501	3,428,035	38,726,998
Quebec	- Trunk	6,683,157	6,518,964	6,006,500	69,591,231
Net Delivered	- Gathering	196,260	219,877	944,511	6,299,387
" "	- Trunk	24,055,725	23,581,617	19,612,158	242,397,022
" "	- Total	24,251,985	23,801,494	20,556,669	248,696,409
✓ Including exports.		3,018,105	2,826,278	1,282,029	22,220,319
✓ Including deliveries to U.S. pipe lines, Grtna, Man.		6,113,241	5,555,524	4,823,757	56,973,104

TABLE 5

OPERATING STATISTICS

		November	October	November	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	468,115	459,369	356,582	412,537
Trunk Lines	"	1,133,712	1,094,474	884,610	998,749
Total Barrel Miles (Trunk Lines)	Millions	9,928	10,048	7,952	100,180
Average Miles Per Barrel (Trunk Lines)	Miles	291.9	296.1	299.6	299.4
Employees and Earnings (6)					
Average Number (4)	No.	1,583	1,575	1,314	1,578
Total Salaries and Wages	\$	708,707	747,474	546,669	7,152,873
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,449	78,755 x	58,120	751,120

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.

x Revised

PIPE LINE STATISTICS, BY COMPANIES

November, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
<u>TRAFFIC*</u>			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (November, 1956)	4,326,448	8,679,299	6,642,278	4,290,617	(2) 15,232,754	39,171,396
This year (11 Months)	49,469,675	89,074,188	69,617,298	42,890,192	(3) 147,845,993	398,897,346
<u>Total Delivered out of System</u>						
This month (November, 1956)	4,327,471	8,720,353	6,683,157	4,430,369	(4) 15,270,592	39,431,942
This year (11 months)	49,479,410	88,145,107	69,591,231	42,358,109	(5) 147,271,262	396,845,119
<u>LOADING STATISTICS</u>						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (November, 1956)	144,357	-	-	-	323,758	468,115
This year (11 months)	147,709	-	-	-	264,828	412,537
<u>Trunk Lines</u>						
This month (November, 1956)	-	290,678	222,772	147,679	472,583	1,133,712
This year (11 months)	-	263,120	207,735	126,442	401,452	998,749
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>Trunk Lines - in millions)</u>						
This month (November, 1956)	-	4,756	493	3,068	1,611	9,928
This year (11 months)	-	50,161	5,127	29,470	15,422	100,180
<u>Average Miles Per Barrel</u>						
<u>Trunk Lines)</u>						
This month (November, 1956)	-	546.0	73.7	692.0	114.8	115.6
This year (11 months)	-	569.0	73.7	696.0	300.2	291.9
<u>LOADING REVENUES</u>			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,345	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956	2,878,530	18,090,437	1,922,595	15,650,352	(7) 17,174,284	55,716,198
Twelve Months ending Dec. 31, 1956						
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>			
Number of Employees (November, 1956)	162	396	55	226	(6) 744	1,583
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month (November, 1956)	66,054	183,729	23,977	110,214	(6) 324,733	708,707
This year (11 months)	832,721	2,013,181	250,989	1,081,171	(6) 2,914,811	7,152,873
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month (November, 1956)	20,388	444	2,036	773	(6) 50,803	74,449
This year (11 months)	238,588	75,467	14,377	18,467	(6) 472,141	751,120

*Oils include duplication between companies.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Oil Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Britam Oil Pipe Line Company, Limited; Cremona Pipe Lines, Limited; Edmonton Pipe Line Co., Limited; Gibson Crude Oil Purchasing Co. Ltd., Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company, Limited; Pembina Oil Line, Limited; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company, Limited.

Includes 3,591,238 bbls. products and 60,719 bbls. natural gasoline.

Includes 39,571,444 bbls. products and 582,448 bbls. natural gasoline.

Includes 3,607,829 bbls. products and 63,705 bbls. natural gasoline.

Includes 39,565,237 bbls. products and 581,973 bbls. natural gasoline.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Ltd.

Includes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

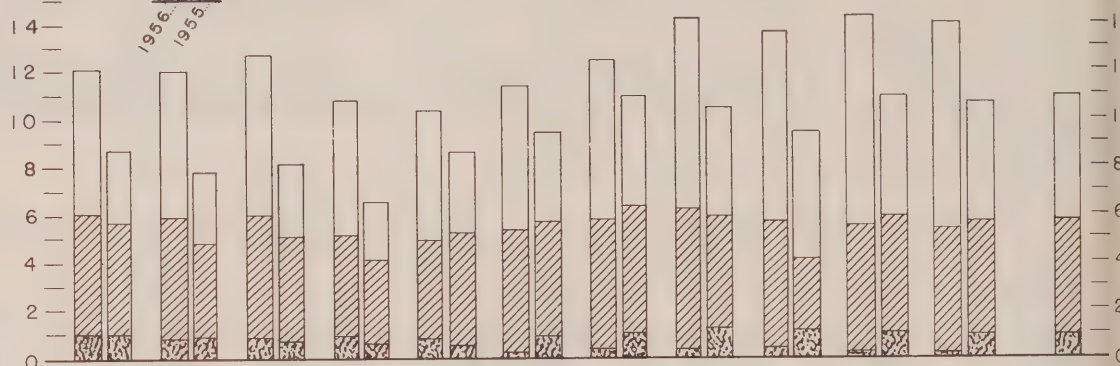
MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

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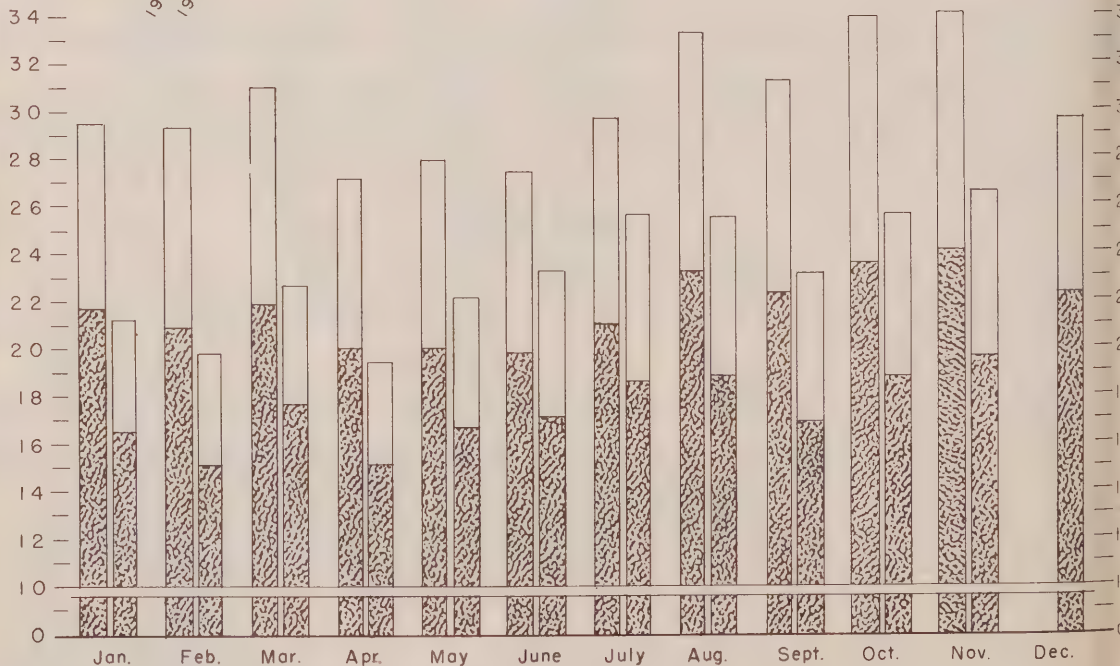
GATHERING SYSTEM

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



TRUNK LINES

TO OTHER CANADIAN PIPE LINES
NET DELIVERIES



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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

6, No. 12

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

DECEMBER, 1956

Total oil deliveries from Canadian pipe lines established a new record in December, with an average net delivery of 846,578 barrels per day. This was 38,179 barrels above the November record of 808,399 and 129,985 barrels or 18 p.c. above the daily average of 716,593 recorded in December last year.

In 1956, deliveries of the Trans Mountain Oil Pipe Line Company increased to 251,641 barrels from 30,718,142 in 1955, up 18.1 p.c., the International Pipe Line Company rose by 20.3 p.c. to 97,116,072 barrels from 80,701,123 and the Montreal Pipe Line Company Ltd. recorded deliveries of 76,758,440 barrels as against 67,691,018 in 1955, an increase of 13.4 p.c. Deliveries of the Pembina Pipe Line Company in its second year of operation amounted to 33,673,095 barrels as compared with 14,381,796 in 1955, and Imperial's gathering system accounted for 54,045,086 barrels, as against 53,056,590 last year. Net deliveries from all lines totalled 274,940,340 barrels, compared with 224,274,768 barrels in 1955.

Provincial deliveries for the twelve months were as follows (1955 data in brackets): British Columbia 47,251,641 barrels (30,718,142); Alberta 17,830,462 (18,518,000); Saskatchewan 16,732,869 (15,543,202); Manitoba 73,344,246 (53,909,645); Ontario 10,22,682 (37,894,021); and Quebec 76,758,440 (67,691,018). Manitoba deliveries included 1382,706 barrels (46,395,093) delivered to the Lakehead Pipe Line Company at Gretna. Of this amount 16,867,189 barrels (5,246,832) were for export while the remainder moved through the United States, destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line have more than doubled, totalling 25,441,901 barrels for 1956, compared with 11,408,992 in 1955. The December figure includes 74,900 barrels destined for France.

Refinery products delivered during the year rose to 43,946,719 barrels from 35,607,751 barrels in 1955, an increase of 13.8 p.c. Of this total, refined gasoline accounted for 23,779,088 barrels (21,730,914); distillate fuels for 16,330,619 barrels (14,478,675); and refined oil and other products for 3,837,012 (3,398,162).

Net receipts during the month of December totalled 27,241,905 barrels compared with 21,370,443 in December 1955, an increase of 27.5 p.c. Included in the month's receipts were 13,006,650 barrels of Alberta crude, 60,277 barrels of Alberta natural gasoline, 2,070,853 of Saskatchewan crude, 494,155 of Manitoba crude, 7,184,151 barrels of imported crude and 4,425,819 barrels of refinery products.

Again both gathering and trunk lines established new records with gathering systems handling a daily average of 487,998 barrels compared with 468,115 barrels in November, and an increase of 37.7 p.c. above the corresponding month last year. Trunk lines delivered an average of 1,183,858 barrels per day, 50,146 above the November record of 1,133,712, and an increase of 22.7 p.c. above the average of 923,581 barrels for November 1955.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

54-508-126

Barrel miles in millions, recorded a new high of 10,780 for December, and the year's total increased 32.6 p.c. from 83,693 million in 1955, to 110,958 million in the current year.

Operating revenues for the last quarter of 1956 amounted to \$22,600,357, as compared with \$16,778,228 in 1955 bringing the total for the year to \$78,316,555 compared with \$58,952,816 in 1955, an increase of \$19,363,739 or 32.8 p.

The number of employees increased slightly from 1,583 in November, to 1,591 in December, but salaries again reached a new high of \$747,840 up \$39,133 from the previous month. Earnings for the year averaged \$5,285 as against \$4,890 in the previous year, an increase of 8 p.c.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during twelve months of 1956, per table 6	441,490,957
Received into Trunk Lines from other Canadian Pipe Lines	161,283,162
"Net Received" into Canadian Pipe Line Systems	280,207,795
"Net Received" into Trunk Systems per table 1	126,853,141
"Net Received" into Gathering Systems per table 2	153,354,654
Total Delivered out of Systems - all companies -	
during twelve months of 1956, per table 6	439,177,475
Delivered to other Canadian Pipe Lines	164,237,135
"Net Delivered" from Canadian Pipe Line Systems	274,940,340
"Net Delivered" from Trunk Systems per table 1	268,505,095
"Net Delivered" from Gathering Systems per table 2	6,435,245

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for December and are given herewith:

OIL BALANCE - ALL COMPANIES - DECEMBER, 1956

	Barrels	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to December 31, 1956	153,354,654	
Received into Trunk Systems January 1 to December 31, 1956	373,542,189	526,896,843
Total oil accountable for period		536,209,464
Delivered from Gathering Systems January 1 to December 31, 1956	153,328,079	
Delivered from Trunk Systems during January 1 to December 31, 1956	371,253,563	524,581,642
Balance to be accounted for at December 31, 1956		11,627,822
Oil consumed as fuel and losses January 1 to December 31, 1956		542,811
Balance on hand - December 31, 1956		11,085,011
Total Shippers Balances - December 31, 1956	10,368,770	
Total Carriers Balances - December 31, 1956	716,241	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial	Sun Pipe Line
	Pipe Line Company	Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
December, 1955	3,336,463	461,391
November, 1956	3,903,984	486,463
December, 1956	4,234,146	543,950

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	DECEMBER 1956	NOVEMBER ^x 1956	DECEMBER 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	36,946,806	33,752,444	27,775,849	373,542,189
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,468,214	8,622,904	5,269,505	85,405,886
3. Other pipe lines - Gathering	4,165,564	3,976,273	2,970,690	39,970,880
4. Trunk	11,202,923	10,333,808	9,154,735	121,312,282
5. <u>Net Received (6+7+8)</u>	12,110,105	10,819,459	10,380,919	126,853,141
6. Originating on own trunk lines	4,808,817	3,976,859	4,269,306	48,669,431
7. Received from foreign pipe line connections	7,184,151	6,642,278	6,018,276	76,801,449
8. Received from other carriers (rail & truck)	117,137	200,322	93,337	1,382,261
9. <u>Total Delivered * (10+11)</u>	36,699,599	33,984,396	28,630,996	371,253,563
10. Less: Delivered to other Canadian trunk lines	10,591,526	9,928,671	7,327,208	102,748,468
11. <u>Net Delivered (12+13+14)</u>	26,108,073	24,055,725	21,303,788	268,505,095
12. Terminated on own trunk lines	16,451,089	14,895,866	14,840,129	179,405,490
13. Delivered to foreign pipe line connections	8,555,781	8,375,430	6,427,505	82,594,141
14. Delivered to other carriers (truck, rail and water)	1,101,203	784,429	36,154	6,505,464

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	DECEMBER 1956	NOVEMBER 1956	DECEMBER 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,131,800	14,025,075	10,989,524	153,354,654
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	15,131,800	14,025,075	10,989,524	153,354,654
18. Originating on own gathering system	14,572,175	13,379,582	10,576,463	148,109,712
19. Received from other carriers (rail & truck)	559,625	645,493	413,061	5,244,942
20. <u>Total Delivered * (21+22+23)</u>	15,127,963	14,043,458	10,983,899	153,328,079
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,468,214	8,622,904	5,269,505	85,404,167
22. Other pipe lines	5,523,891	5,224,294	4,803,785	61,488,667
23. <u>Net Delivered (24+25)</u>	135,858	196,260	910,609	6,435,245
24. Terminated on gathering systems	74,300	111,933	749,035	4,123,804
25. Delivered to other carriers (rail & truck)	61,558	84,327	161,574	2,311,441

¹ Includes natural gasoline and products.

* Includes duplications.

² Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		DECEMBER	NOVEMBER *	DECEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,571,866	11,623,996	9,970,954	134,047,164
"	- Trunk	580,176	666,671	569,013	6,792,480
Saskatchewan	- Gathering	2,065,779	1,917,885	596,645	13,591,760
"	- Trunk	5,074	6,009	5,623	178,951
Manitoba	- Gathering	494,155	483,194	422,285	5,715,928
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,585,593	1,909,396	2,381,711	24,988,391
Quebec (3)	- Trunk	8,939,262	8,237,383	7,424,572	94,893,319
Net Received	- Gathering	15,131,800	14,025,075	10,989,524	153,354,654
"	- Trunk	12,110,105	10,819,459	10,380,919	126,853,141
"	- Total	27,241,905	24,844,534	21,370,443	280,207,795

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED
OR WERE TRANSFERRED TO OTHER CARRIERS

Province		DECEMBER	NOVEMBER *	DECEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
British Columbia	- Trunk	4,893,532	4,430,369	3,517,585	47,251,641
Alberta (1)	- Gathering	111,120	173,517	878,014	5,287,068
"	- Trunk	964,645	1,001,790	778,763	12,543,394
Saskatchewan	- Gathering	24,738	22,743	32,595	1,148,177
"	- Trunk	1,458,360	1,402,990	1,454,731	15,584,692
Manitoba	- Trunk	7,328,643	7,016,546	5,672,925	73,344,246
Ontario (2)	- Trunk	4,295,684	3,520,873	3,819,916	43,022,682
Quebec	- Trunk	7,167,209	6,683,157	6,059,868	76,758,440
Net Delivered	- Gathering	135,858	196,260	910,609	6,435,245
"	- Trunk	26,108,073	24,055,725	21,303,788	268,505,095
"	- Total	26,243,931	24,251,985	22,214,397	274,940,340
✧ Including exports		3,221,582	3,018,105	1,587,599	25,441,901
✧ Including deliveries to U.S. pipe lines, Gretna, Man.		6,409,642	6,113,241	4,839,906	63,382,706

TABLE 5

OPERATING STATISTICS

		DECEMBER	NOVEMBER *	DECEMBER	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	487,998	468,115	354,319	418,929
Trunk Lines	"	1,183,858	1,132,813	923,581	1,014,353
Total Barrel Miles (Trunk Lines)	Millions	10,780	9,925	8,776	110,958
Average Miles Per Barrel (Trunk Lines)	Miles	293.7	292.1	306.5	298.8
Employees and Earnings (6)					
Average Number (4)	No.	1,591	1,583	1,300	1,495
Total Salaries and Wages	\$	747,840	709,129	565,632	7,901,135
Man-Hours Worked by Wage Earners (5) (6)	Hours	119,375	74,449	63,428	870,495

(1) Includes natural gasoline.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line, Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.,

x Revised.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

December, 1956

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month December, 1956	4,565,717	9,209,793	7,184,151	4,656,043	(2) 16,994,688	42,610,392
This year (12 months)	54,035,392	98,283,981	76,801,449	47,546,235	(3) 164,823,900	441,490,957
<u>Total Delivered out of System</u>						
This month December, 1956	4,565,676	8,970,965	7,167,209	4,893,532	(4) 16,761,966	42,359,348
This year (12 months)	54,045,086	97,116,072	76,758,440	47,251,641	(5) 164,006,236	439,177,475
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month December, 1956	147,279	-	-	-	340,719	487,998
This year (12 months)	147,664	-	-	-	271,265	418,929
<u>Trunk Lines</u>						
This month December, 1956	-	289,386	231,200	157,856	505,416	1,183,858
This year (12 months)	-	265,344	209,722	129,103	410,184	1,014,353
<u>Total Barrel Miles</u>			<u>Miles</u>			
<u>Trunk Lines - in millions</u>						
This month December, 1956	-	5,096	528	3,380	1,776	10,780
This year (12 months)	-	55,257	5,655	32,850	17,196	110,958
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month December, 1956	-	568.0	73.7	691.0	113.3	293.7
This year (12 months)	-	569.0	73.7	695.0	114.5	298.8
OPERATING REVENUES			<u>Dollars</u>			
Three Months ending March 31, 1956	965,948	5,986,021	624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30, 1956	1,871,676	11,660,890	1,277,408	9,397,247	(7) 10,807,672	35,014,893
Nine Months ending Sept. 30, 1956	2,878,530	18,090,437	1,922,595	15,650,352	(7) 17,174,284	55,716,198
Twelve Months ending Dec. 31, 1956	3,871,118	25,114,174	2,595,662	22,284,755	(7) 24,450,846	78,316,555
EMPLOYEES AND EARNINGS			<u>Number</u>			
Number of Employees December, 1956	162	394	57	228	(6) 750	1,591
<u>Salaries and Wages</u>			<u>Dollars</u>			
This month December, 1956	67,495	200,191	23,742	120,211	(6) 336,201	747,840
This year (12 months)	900,216	2,213,372	274,731	1,200,382	(6) 3,311,434	7,901,135
<u>Man-Hours Worked by Wage Earners</u>			<u>Hours</u>			
This month December, 1956	20,823	313	1,276	610	(6) 96,353	119,375
This year (12 months)	259,411	7,858	15,654	19,078	(6) 568,494	870,495

Totals include duplication between companies.

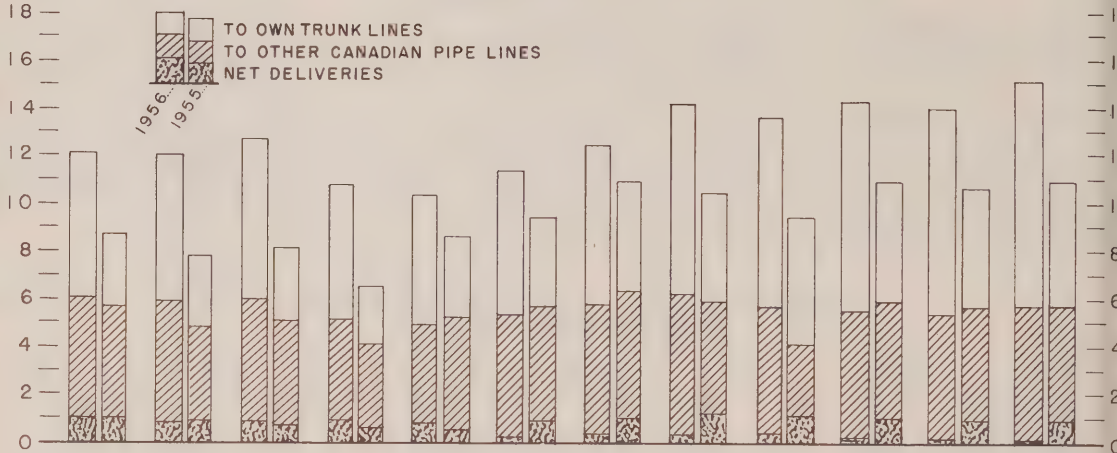
- (1) Includes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; B.A. Alberta Pipe Line, Limited; B.A. Saskatchewan Pipe Line, Limited; Britam Oil Pipe Line Company, Limited; Cremona Pipe Lines, Limited; Edmonton Pipe Line Co., Limited; Gibson Crude Oil Purchasing Co. Ltd., Green River Exploration Co. Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company, Limited; Pembina Pipe Line, Limited; Trans-Prairie Pipe Lines Limited; Saskatoon Pipe Line Company; South Saskatchewan Pipe Line Company; Sun Canadian Pipe Line Company, Limited; Texaco Exploration Company; Trans-Northern Pipe Line Company; Valley Pipe Line Company, Limited; Westspur Pipe Line Company; and Winnipeg Pipe Line Company, Limited.
- (2) Includes 4,425,819 bbls. products and 60,277 bbls. natural gasoline.
- (3) Includes 43,997,263 bbls. products and 642,725 bbls. natural gasoline.
- (4) Includes 4,381,482 bbls. products and 55,069 bbls. natural gasoline.
- (5) Includes 43,946,719 bbls. products and 637,042 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil - Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada, Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Ltd.
- (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

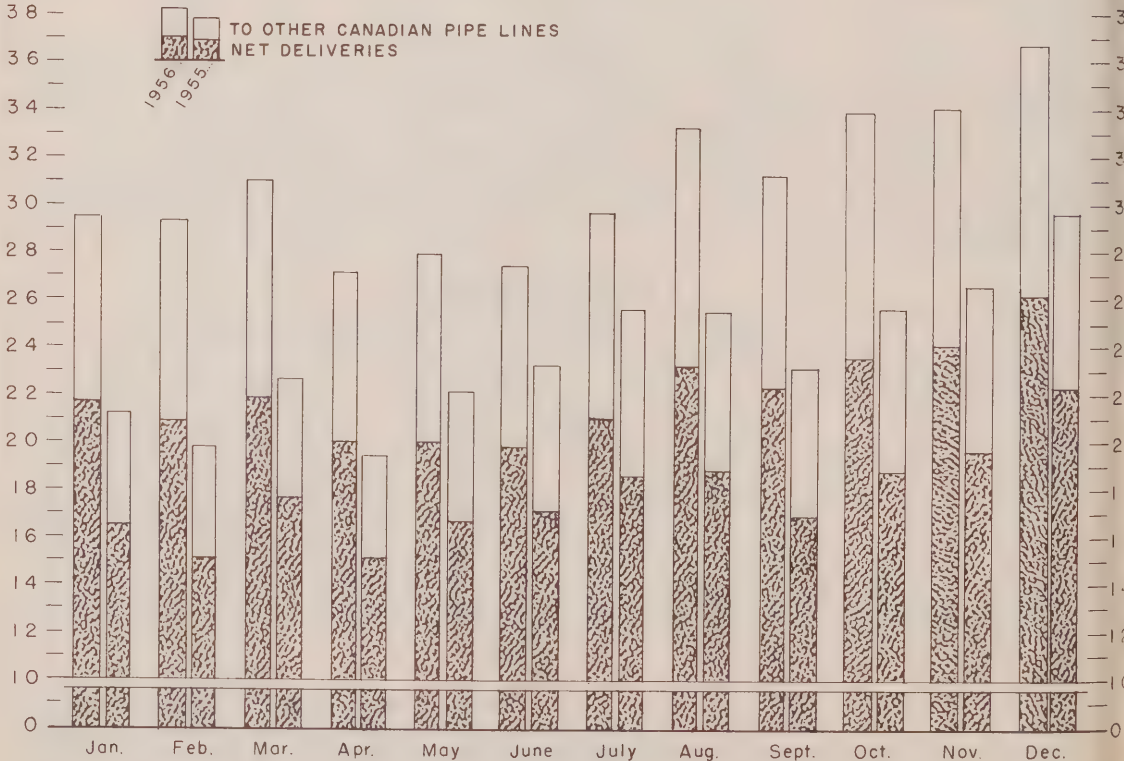
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

7, No. 1-12 PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

JANUARY, 1957 - Dec 1956

Canadian oil pipe lines established a new record during January. Total net deliveries of oil amounted to 27,154,521 barrels as compared with 26,243,931 for the month of December, an increase of 910,590 barrels or 3.5 p.c. The daily average rose to a new high of 875,952 barrels, 29,374 barrels above the previous high of 846,578 for December 1956 and 19.3 p.c. above the daily average of 734,103 recorded in January, 1956.

Compared with January, 1956, total net deliveries increased by 4,397,323 barrels. Provincial totals were as follows (1956 data in brackets): British Columbia 5,870,694 barrels (3,359,440); Alberta 1,077,377 (1,833,425); Saskatchewan 1,529,804 (1,622,781); Manitoba 7,128,486 (5,610,642); Ontario 4,525,108 (3,858,581); and Quebec 7,023,052 (6,472,000). Manitoba deliveries included 6,218,248 barrels (4,748,771) which were delivered to the Lakehead Pipe Line Company at Gretna. Of this amount a total of 2,016,446 barrels (1,433,814) was for export while the remainder was destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line totalled 2,016,446 barrels and include deliveries on dock for export.

Net receipts during the month of January amounted to 27,704,104 barrels, compared with 23,071,677 in the same month last year, an increase of 20.1 p.c. Included in the January receipts were 13,329,696 barrels of Alberta crude and 63,071 barrels of Alberta natural gasoline, 2,110,503 barrels of Saskatchewan crude, 521,392 of Manitoba crude, 67,777 of imported crude and 4,611,952 barrels of refinery products.

Again new records were established when gathering systems handled a daily average of 500,952 barrels and trunk lines delivered an average of 1,247,966 barrels against 491,000* and 1,183,858 in December, 1956, increases of 1.9 p.c. and 5.4 p.c. respectively.

Barrel miles recorded a new high of 11,231 million for January, 4.2 p.c. above previous high in December of 10,780 million.

The number of employees increased slightly from 1,600* in December, 1956 to 1,614 in the current month, but average salaries were down from \$471 to \$446.

The December figures shown in this report have been revised to include the West Joffre, Tolley and Gilby Fields in Alberta commenced operations late in October 1956.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4-508-17

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during January 1957, per table 6	44,339,742
Received into Trunk Lines from other Canadian Pipe Lines	16,635,638
"Net Received" into Canadian Pipe Line Systems	27,704,104
"Net Received" into Trunk Systems per table 1	12,163,277
"Net Received" into Gathering Systems per table 2	15,540,827
Total Delivered out of Systems - all companies -	
during January 1957, per table 6	44,486,657
Delivered to other Canadian Pipe Lines	17,332,136
"Net Delivered" from Canadian Pipe Line Systems	27,154,521
"Net Delivered" from Trunk Systems per table 1	27,068,543
"Net Delivered" from Gathering Systems per table 2	85,978

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - JANUARY, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems during January, 1957	15,540,827
Received into Trunk Systems during January, 1957	38,528,766
Total oil accountable for period	65,169,071
Delivered from Gathering Systems during January, 1957	15,529,541
Delivered from Trunk Systems during January, 1957	38,686,967
Balance to be accounted for at January 31, 1957	10,952,563
Oil consumed as fuel and losses during January, 1957	101,714
Balance on hand - January 31, 1957	10,850,849
Total Shippers Balances - January 31, 1957	10,062,698
Total Carriers Balances - January 31, 1957	788,151

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial	Sun Pipe Line
	Pipe Line Company	Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
January, 1956	3,427,322	446,933
December, 1956	4,234,146	543,950
January, 1957	3,455,663	575,739

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	JANUARY 1957	DECEMBER 1956	JANUARY 1956	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
Total Received * (2+3+4+5)	38,528,766	36,946,806	29,893,812	
Less: Received from other Canadian pipe lines -				
Own Gathering System	9,729,851	9,468,214	5,927,909	
Other pipe lines - Gathering	4,234,438	4,165,564	3,176,240	
Trunk	12,401,200	11,202,923	9,795,823	
Net Received (6+7+8)	12,163,277	12,110,105	10,993,840	
Originating on own trunk lines	4,987,984	4,808,817	4,343,639	
Received from foreign pipe line connections	7,067,777	7,184,151	6,507,448	
Received from other carriers (rail & truck)	107,516	117,137	142,753	
Total Delivered * (10+11)	38,686,967	36,699,599	29,568,738	
Less: Delivered to other Canadian trunk lines	11,618,424	10,591,526	7,829,909	
Net Delivered (12+13+14)	27,068,543	26,108,073	21,738,829	
Terminated on own trunk lines	17,159,842	16,451,089	15,321,785	
Delivered to foreign pipe line connections	8,848,873	8,555,781	6,265,916	
Delivered to other carriers (truck, rail & water)	1,059,828	1,101,203	151,128	

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	JANUARY 1957	DECEMBER 1956*	JANUARY 1956	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
Total Received (16+17)	15,540,827	15,248,900	12,077,837	
Less: Received from other gathering systems	-	-	-	
Net Received (18+19)	15,540,827	15,248,900	12,077,837	
Originating on own gathering system	14,828,541	14,689,275	11,708,136	
Received from other carriers (rail & truck)	712,286	559,625	369,701	
Total Delivered * (21+22+23)	15,529,541	15,244,189	12,106,737	
Less: Delivered to other pipe lines -				
Own Trunk system	9,729,851	9,468,214	5,927,909	
Other pipe lines	5,713,712	5,640,117	5,160,459	
Net Delivered (24+25)	85,978	135,858	1,018,369	
Terminated on gathering systems	29,306	74,300	825,858	
Delivered to other carriers (rail & truck)	56,672	61,558	192,511	

¹Includes natural gasoline and refinery products.

*Includes duplications.

¹Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		JANUARY 1957	DECEMBER* 1956	JANUARY* 1956	YEAR TO DA 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,922,699	12,688,966	10,963,910	
"	- Trunk	550,659	580,176	623,980	
Saskatchewan	- Gathering	2,096,736	2,065,779	685,209	
"	- Trunk	13,767	5,074	3,576	
Manitoba	- Gathering	521,392	494,155	428,718	
"	- Trunk	-	-	-	
Ontario (2)	- Trunk	2,834,843	2,585,593	2,416,070	
Quebec (3)	- Trunk	8,764,008	8,939,262	7,950,216	
Net Received	- Gathering	15,540,827	15,248,900	12,077,837	
" "	- Trunk	12,163,277	12,110,105	10,993,840	
" "	- Total	27,704,104	27,359,005	23,071,677	

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		JANUARY 1957	DECEMBER 1956	JANUARY 1956	YEAR TO DA 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,870,694	4,893,532	3,359,440	
Alberta (1)	- Gathering	56,883	111,120	909,513	
"	- Trunk	1,020,494	964,645	923,912	
Saskatchewan	- Gathering	29,095	24,738	108,856	
"	- Trunk	1,500,709	1,458,360	1,513,925	
Manitoba [†]	- Trunk	7,128,486	7,328,643	5,610,642	
Ontario (2)	- Trunk	4,525,108	4,295,684	3,858,581	
Quebec	- Trunk	7,023,052	7,167,209	6,472,329	
Net Delivered	- Gathering	85,978	135,858	1,018,369	
" "	- Trunk [†]	27,068,543	26,108,073	21,738,829	
" "	- Total	27,154,521	26,243,931	22,757,198	
[†] Includes deliveries to U.S. pipe lines, Grtna, Man.		6,218,248	6,409,602	4,748,771	
[†] Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		3,665,054 2,016,446	3,221,582 1,914,497	1,636,020 1,433,814	

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		JANUARY 1957	DECEMBER* 1956	JANUARY 1956	YEAR TO DA 1 9 5 7
Barrels Handled - Daily Average					
Gathering Systems	Barrels	500,952	491,748	390,540	
Trunk Lines	"	1,247,966	1,183,858	953,830	
Total Barrel Miles (Trunk Lines)	Millions	11,231	10,780	8,640	
Average Miles Per Barrel (Trunk Lines)	Miles	290.3	293.7	291.9	
Employees and Earnings (6)					
Average Number (4)	No.	1,614	1,500	1,325	
Total Salaries and Wages	\$	719,381	752,844	548,020	
Man-Hours Worked by Wage Earners (5) (6)	Hours	81,192	80,418	59,355	

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

ME 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

January, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
<u>TRAFFIC*</u>				<u>Barrels</u>			
<u>Total Received into System</u>							
This month (January, 1957)	4,531,069	9,094,616	7,067,777	5,771,421	3,587,114	(2) 14,287,745	44,339,742
This year							
<u>Total Delivered out of System</u>							
This month (January, 1957)	4,524,506	9,117,943	7,023,052	5,870,694	3,496,347	(3) 14,454,115	44,486,657
This year							
<u>OPERATING STATISTICS</u>							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month (January, 1957)	145,951	-	-	-	115,370	239,631	500,952
This year							
<u>Trunk Lines</u>							
This month (January, 1957)	-	294,127	226,550	189,377	112,785	425,127	1,247,966
This year							
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month (January, 1957)	-	4,824	517	4,043	243	1,604	11,231
This year							
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month (January, 1957)	-	529.0	73.7	689.0	69.5	121.7	290.3
This year							
<u>OPERATING REVENUES</u>				<u>Dollars</u>			
Three Months ending Mar. 31, 1957							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
<u>EMPLOYEES AND EARNINGS</u>				<u>Number</u>			
Number of Employees (January, 1957)	166	386	50	236	223	(4) 553	1,614
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month (January, 1957)	69,593	179,198	21,929	114,245	87,153	(4) 247,263	719,381
This year							
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month (January, 1957)	21,186	127	692	-	23,098	36,089	81,192
This year							

Totals include duplication between companies.

See list of reporting companies on page 7.

Includes 4,611,952 bbls. products and 63,071 bbls. natural gasoline.

Includes 4,597,628 bbls. products and 66,253 bbls. natural gasoline.

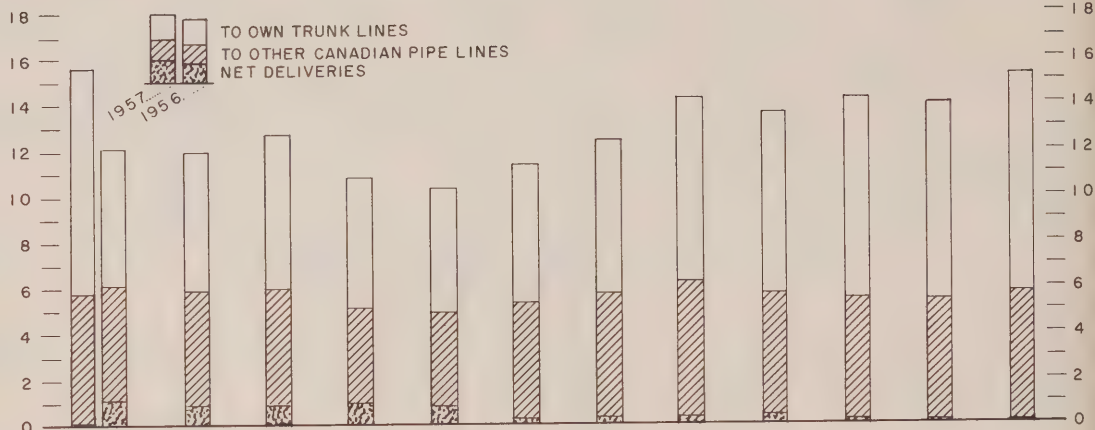
Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

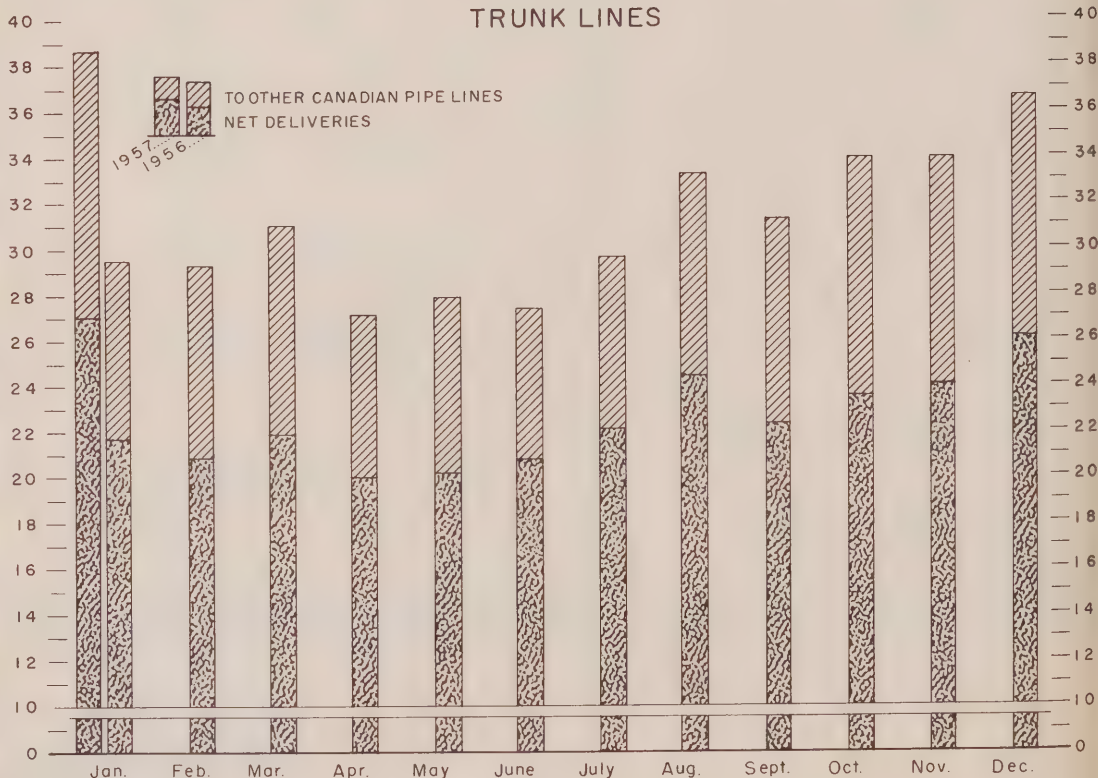
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

MINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

ol. 7, No. 2

Price: \$1.00 per year.

PIPE LINES (OIL) STATISTICS



Net deliveries of oil from Canadian pipe lines amount to 23,880,893 barrels for the month of February. This was an average of 852,889 barrels per day as compared with 875,952 barrels last month and 753,013 in February last year.

For the two months ended February 28, net deliveries amounted to 51,035,414 barrels compared with 44,594,563 in the same period last year, an increase of 14.4 p.c. Provincial totals for the first two months of the year were as follows (1956 data in brackets); British Columbia 10,841,929 barrels (7,124,500); Alberta 1,985,616 (3,406,511); Saskatchewan 2,917,530 (3,028,227); Manitoba 12,976,187 (11,085,932); Ontario 1,870,245 (7,353,671); and Quebec 13,443,907 (12,596,182). Included in Manitoba deliveries were 11,181,006 barrels (9,404,622) transferred to the Lakehead Pipe Line Company at Gretna. Of this amount 3,726,975 barrels (2,772,328) were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

Net receipts for the month of February amounted to 24,920,638 barrels compared with 22,227,511 in the same month last year, an increase of 12.1 p.c. February receipts included 11,441,826 barrels of Alberta crude, and 54,313 of Alberta natural gasoline, 1,087,727 barrels of Saskatchewan crude, 459,130 barrels of Manitoba crude, 6,440,560 of imported crude and 4,437,082 barrels of refinery products.

Gathering systems handled an average of 471,147 barrels per day, compared with 400,952 in January and 413,800 in February 1956. Trunk line deliveries dropped to 1,217,685 barrels daily from 1,247,966 last month and 1,010,943 one year earlier.

Barrel miles totalled 9,892 million for the month of February, compared with 11,231 during January and 8,742 in February last year.

Employees numbered 1,628 and earned \$725,202 in February 1957, compared with 1,344 employees earning \$577,962 in the corresponding month last year, an increase of 147,240 or 25 p.c.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-27

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first two months of 1957, per table 6	83,834,5
Received into Trunk Lines from other Canadian Pipe Lines	31,209,7
"Net Received" into Canadian Pipe Line Systems	52,624,7
"Net Received" into Trunk Systems per table 1	23,842,8
"Net Received" into Gathering Systems per table 2	28,781,5
Total Delivered out of Systems - all companies - during first two months of 1957, per table 6	83,730,5
Delivered to other Canadian Pipe Lines	32,695,5
"Net Delivered" from Canadian Pipe Line Systems	51,035,4
"Net Delivered" from Trunk Systems per table 1	50,879,6
"Net Delivered" from Gathering Systems per table 2	155,7

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in "monthly oil balance" statement. The oil balances have been tabulated for all companies for February and are given herewith:

OIL BALANCE - ALL COMPANIES - FEBRUARY, 1957

	Barrels	
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,4
Received into Gathering Systems January 1 to February 28, 1957	28,781,911	
Received into Trunk Systems January 1 to February 28, 1957	72,825,477	101,607,3
Total oil accountable for period		112,706,8
Delivered from Gathering Systems January 1 to February 28, 1957	28,721,667	
Delivered from Trunk Systems January 1 to February 28, 1957	72,782,163	101,503,8
Balance to be accounted for at February 28, 1957		11,203,0
Oil consumed as fuel and losses January 1 to February 28, 1957		177,6
Balance on hand - February 28, 1957		11,025,3
Total Shippers Balances - February 28, 1957	10,283,534	
Total Carriers Balances - February 28, 1957	741,839	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil Barrels	Sun Pipe Line Company Crude and Refined Oil Barrels
February, 1956	3,353,651	445,621
January, 1956	3,455,663	575,739
February, 1957	3,330,463	465,022

OIL¹ CARRIED BY PIPE LINES - TRUNK

	February 1957	January 1957	February 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
Total Received * (2+3+4+5)	34,296,711	38,528,766	29,701,310	72,825,477
Less: Received from other Canadian pipe lines -				
Own Gathering System	8,043,033	9,729,851	6,092,317	17,772,884
Other pipe lines - Gathering	4,123,825	4,234,438	3,059,166	8,690,336
Trunk	10,450,299	12,401,200	10,312,784	22,519,426
Net Received (6+7+8)	11,679,554	12,163,277	10,237,043	23,842,831
Originating on own trunk lines	4,777,157	4,987,984	3,993,584	9,765,141
Received from foreign pipe line connections	6,440,560	7,067,777	6,143,820	13,508,337
Received from other carriers (rail & truck)	461,837	107,516	99,639	569,353
Total Delivered * (10+11)	34,095,196	38,686,967	29,317,363	72,782,163
Less: Delivered to other Canadian trunk lines	10,284,048	11,618,424	8,369,008	21,902,472
Net Delivered (12+13+14)	23,811,148	27,068,543	20,948,355	50,879,691
Terminated on own trunk lines	15,976,427	17,159,842	14,261,678	33,136,269
Delivered to foreign pipe line connections	7,068,916	8,848,873	6,659,795	15,917,789
Delivered to other carriers (truck, rail & water)	765,805	1,059,828	26,882	1,825,633

OIL⁶ CARRIED BY PIPE LINES - GATHERING

	February 1957	January 1957	February 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
Total Received (16+17)	13,241,084	15,540,827	11,990,468	28,781,911
Less: Received from other gathering systems	-	-	-	-
Net Received (18+19)	13,241,084	15,540,827	11,990,468	28,781,911
Originating on own gathering system	12,919,088	14,828,541	11,586,117	27,747,629
Received from other carriers (rail & truck)	321,996	712,286	404,351	1,034,282
Total Delivered * (21+22+23)	13,192,126	15,529,541	12,000,188	28,721,667
Less: Delivered to other pipe lines -				
Own Trunk system	8,043,033	9,729,851	6,092,317	17,772,884
Other pipe lines	5,079,348	5,713,712	5,018,861	10,793,060
Net Delivered (24+25)	69,745	85,978	889,010	155,723
Terminated on gathering systems	22,772	29,306	715,740	52,078
Delivered to other carriers (rail & truck)	46,973	56,672	173,270	103,645

Includes natural gasoline and refinery products.
Includes duplications.
Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		February 1957	January 1957	February 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,114,274	12,922,699	10,884,973	24,036,97
"	- Trunk	455,338	550,659	546,114	1,005,99
Saskatchewan	- Gathering	1,667,680	2,096,736	681,710	3,798,75
"	- Trunk	420,047	13,767	5,438	433,81
Manitoba	- Gathering	459,130	521,392	423,785	946,14
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,729,957	2,834,843	2,176,980	5,564,80
Quebec (3)	- Trunk	8,074,212	8,764,008	7,508,511	16,838,22
Net Received	- Gathering	13,241,084	15,540,827	11,990,468	28,781,91
"	" - Trunk	11,679,554	12,163,277	10,237,043	23,842,83
"	" - Total	24,920,638	27,704,104	22,227,511	52,624,74

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		February 1957	January 1957	February 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,971,235	5,870,694	3,765,060	10,841,92
Alberta (1)	- Gathering	47,571	56,883	779,566	104,45
"	- Trunk	860,668	1,020,494	793,060	1,881,16
Saskatchewan	- Gathering	22,174	29,095	109,444	51,26
"	- Trunk	1,365,552	1,500,709	1,296,002	2,866,26
Manitoba (4)	- Trunk	5,847,701	7,128,486	5,475,290	12,976,18
Ontario (2)	- Trunk	4,345,137	4,525,108	3,495,090	8,870,24
Quebec	- Trunk	6,420,855	7,023,052	6,123,853	13,443,90
Net Delivered	- Gathering	69,745	85,978	889,010	155,72
"	" - Trunk (4)	23,811,148	27,068,543	20,948,355	50,879,69
"	" - Total	23,880,893	27,154,521	21,837,365	51,035,41
(4) Includes deliveries to U.S. pipe lines, Grtna, Man.		4,962,758	6,218,248	4,655,851	11,181,00
(4) Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		2,851,187	3,665,054	2,003,944	6,516,24
		1,710,529	2,016,446	1,338,514	3,726,97

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		February 1957	January 1957	February 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	471,147	500,952	413,800	486,80
Trunk Lines	"	1,217,685	1,247,966	1,010,943	1,233,59
Total Barrel Miles (Trunk Lines)	Millions	9,892	11,231	8,742	20,78
Average Miles Per Barrel (Trunk Lines)	Miles	290.1	290.3	298.2	285.5
Employees and Earnings (6)					
Average Number (4)	No.	1,628	1,614	1,344	3,24
Total Salaries and Wages	\$	725,202	719,381	577,962	1,444,58
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,222	81,192	58,074	155,41

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

February, 1957.

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month February, 1957	3,895,179	7,840,075	6,440,560	4,965,823	3,119,390	(2) 13,233,735	39,494,762
This year (2 months)	8,426,248	16,934,691	13,508,337	10,737,244	6,706,504	(3) 27,521,480	83,834,504
<u>Total Delivered out of System</u>							
This month February, 1957	3,863,213	7,647,714	6,420,855	4,971,235	3,173,717	(4) 13,167,555	39,244,289
This year (2 months)	8,387,719	16,765,657	13,443,907	10,841,929	6,670,064	(5) 27,621,670	83,730,946
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month February, 1957	137,971	-	-	-	111,088	222,088	471,147
This year (2 months)	142,164	-	-	-	113,338	231,305	486,807
<u>Trunk Lines</u>							
This month February, 1957	-	273,133	229,316	177,544	113,347	424,345	1,217,685
This year (2 months)	-	284,164	227,863	183,762	113,052	424,756	1,233,595
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>Trunk Lines - in millions)</u>							
This month February, 1957	-	4,317	473	3,430	221	1,451	9,892
This year (2 months)	-	9,141	990	7,473	464	2,718	20,786
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month February, 1957	-	564.0	73.7	690.0	69.5	122.1	290.1
This year (2 months)	-	545.0	73.7	689.0	69.5	108.4	285.5
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1957							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees February, 1957	163	385	49	249	221	(6) 561	1,628
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month February, 1957	62,693	183,045	21,153	119,005	84,243	(6) 255,063	725,202
This year (2 months)	132,286	362,243	43,082	233,250	171,396	(6) 502,326	1,444,583
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month February, 1957	17,928	163	483	600	20,700	(6) 34,348	74,222
This year (2 months)	39,114	291	1,175	600	43,798	(6) 70,437	155,415

* Totals include duplication between companies.

1) See list of reporting companies on page 7.

2) Includes 4,437,082 bbls. products and 54,313 bbls. natural gasoline.

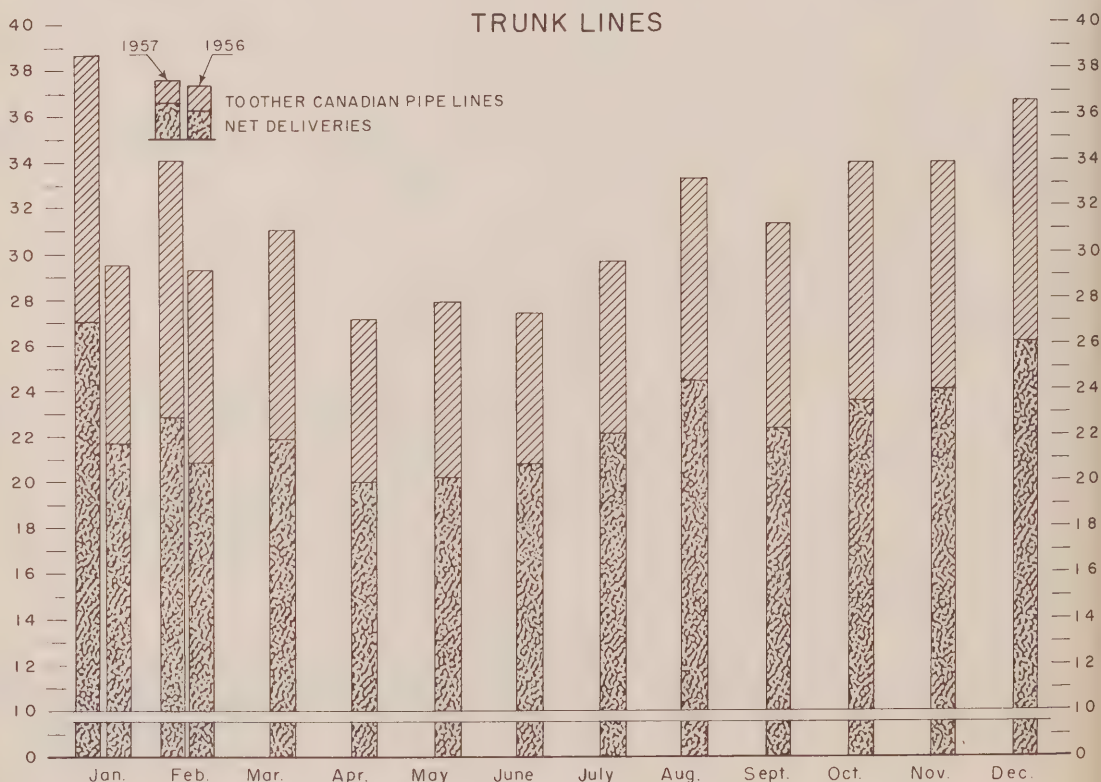
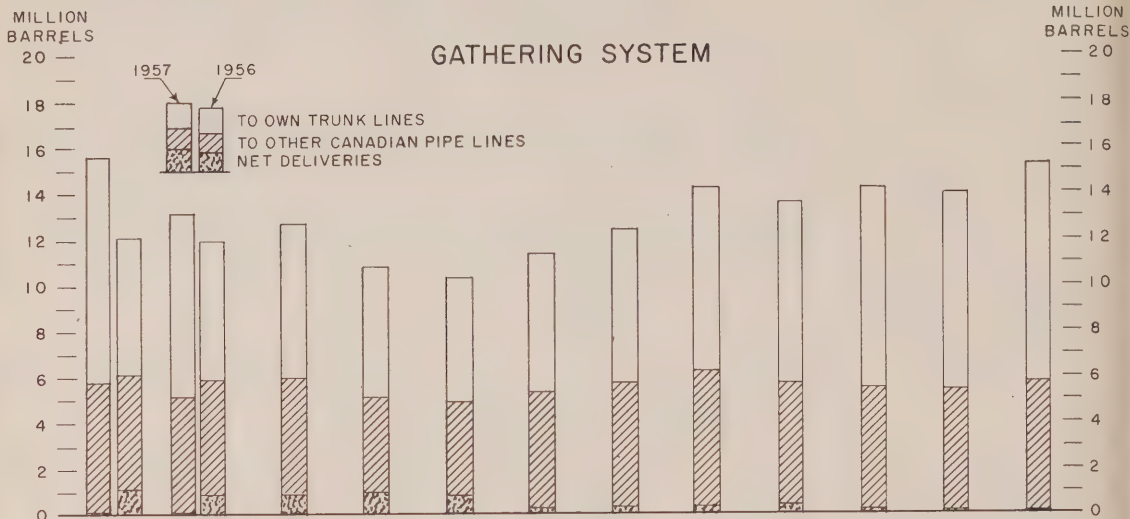
3) Includes 9,049,034 bbls. products and 117,384 bbls. natural gasoline.

4) Includes 4,410,016 bbls. products and 54,601 bbls. natural gasoline.

5) Includes 9,007,644 bbls. products and 120,854 bbls. natural gasoline.

6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

7, No. 3

Price: \$1.00 per year.

PIPE LINES (OIL) STATISTICS

LIBRARY

3 1957

MARCH, 1957.

Total net deliveries of oil through Canadian pipe lines during March averaged 857 barrels per day, a slight decrease from the February average of 852,889, but an increase of 13.5 p.c. over the March 1956 average of 736,710 barrels.

Net deliveries from both gathering and trunk lines for the first quarter ended March 31, amounted to 76,963,416 barrels compared with 67,432,575 in the same period last year, an increase of 14.1 p.c. Provincial deliveries for the first three months of the year are as follows: (1956 data in brackets): British Columbia 16,756,543 barrels (11,189,261); Alberta 3,010,240 barrels (4,992,349); Saskatchewan 4,590,066 barrels (4,437,831); Manitoba 5,949 barrels (16,920,079); Ontario 13,046,322 barrels (11,217,553) and Quebec 20,250, - barrels (18,675,502). Included in Manitoba deliveries were 16,570,623 barrels (14,314,934) referred to the Lake Head Pipe Line Company at Gretna. Of this 5,591,147 barrels were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include deliveries at dock for export.

Net receipts for the month of March totalled 26,192,601 barrels, an increase of 14.7 p.c. over the 23,185,036 barrels received in the same month last year. March receipts included 12,157,218 barrels of Alberta crude and 54,787 of Alberta natural gasoline, 7,783 barrels of Saskatchewan crude, 507,178 barrels of Manitoba crude, 6,756,625 of Alberta crude and 4,242,010 barrels of refinery products.

Gathering systems handled an average of 464,906 barrels per day as compared with 447,477 in February and 411,726 in March 1956. Trunk lines dropped to a daily average of 448,329 in the current month from 1,217,685 last month and 1,001,129 one year earlier.

Barrel miles rose to 10,705 million from 9,332 in March 1956, an increase of 14.7 p.c., but the average haul decreased slightly from 300.7 to 290.8 miles.

Operating revenues for the first quarter of the year amounted to \$23,155,115 as compared with \$18,372,225 for the three months ending March 31, 1956, an increase of 26.0 p.c.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4-508-27

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Produ Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first three months of 1957, per table 6	125,862,509
Received into Trunk Lines from other Canadian Pipe Lines	47,045,166
"Net Received" into Canadian Pipe Line Systems	78,817,343
"Net Received" into Trunk Systems per table 1	35,665,480
"Net Received" into Gathering Systems per table 2	43,151,863
Total Delivered out of Systems - all companies - during first three months of 1957, per table 6	126,230,778
Delivered to other Canadian Pipe Lines	49,267,362
"Net Delivered" from Canadian Pipe Line Systems	76,963,416
"Net Delivered" from Trunk Systems per table 1	76,620,258
"Net Delivered" from Gathering Systems per table 2	343,158

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for March and are given herewith:

OIL BALANCE - ALL COMPANIES - MARCH, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to March 31, 1957	43,151,863
Received into Trunk Systems January 1 to March 31, 1957	109,203,009
Total oil accountable for period	163,454,350
Delivered from Gathering Systems January 1 to March 31, 1957	43,133,777
Delivered from Trunk Systems January 1 to March 31, 1957	109,589,364
Balance to be accounted for at March 31, 1957	10,731,209
Oil consumed as fuel and losses January 1 to March 31, 1957	275,006
Balance on hand - March 31, 1957	10,456,203
Total Shippers Balances - March 31, 1957	9,717,149
Total Carriers Balances - March 31, 1957	739,054

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
March, 1956	3,372,733	506,340
February, 1957	3,330,463	465,022
March, 1957	3,596,038	508,767

TABLE 1

OIL⁶ CARRIED BY PIPE LINES - TRUNK

	March 1957	February 1957	March 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	36,377,532	34,296,711	31,349,790	109,203,009
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,719,479	8,043,033	6,735,851	26,492,363
3. Other pipe lines - Gathering	4,494,168	4,123,825	3,237,618	13,184,504
4. Trunk	11,341,236	10,450,299	10,970,752	33,860,662
5. <u>Net Received (6+7+8)</u>	11,822,649	11,679,554	10,405,569	35,665,480
6. Originating on own trunk lines	4,622,113	4,777,157	4,276,642	14,387,254
7. Received from foreign pipe line connections	6,756,625	6,440,560	6,027,235	20,264,962
8. Received from other carriers (rail & truck)	443,911	461,837	101,692	1,013,264
9. <u>Total Delivered * (10+11)</u>	36,807,201	34,095,196	31,034,985	109,589,364
10. Less: Delivered to other Canadian trunk lines	11,066,634	10,284,048	9,089,341	32,969,106
11. <u>Net Delivered (12+13+14)</u>	25,740,567	23,811,148	21,945,644	76,620,258
12. Terminated on own trunk lines	16,766,662	15,976,427	14,757,887	49,902,931
13. Delivered to foreign pipe line connections	7,514,199	7,068,916	7,077,155	23,431,988
14. Delivered to other carriers (truck, rail & water)	1,459,706	765,805	110,602	3,285,339

TABLE 2

OIL⁶ CARRIED BY PIPE LINES - GATHERING

	March 1957	February 1957	March 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received (16+17)</u>	14,369,952	13,241,084	12,779,467	43,151,863
2. Less: Received from other gathering systems	-	-	-	-
3. <u>Net Received (18+19)</u>	14,369,952	13,241,084	12,779,467	43,151,863
4. Originating on own gathering system	14,118,335	12,919,088	12,521,576	41,865,964
5. Received from other carriers (rail & truck)	251,617	321,996	257,891	1,285,899
6. <u>Total Delivered * (21+22+23)</u>	14,412,110	13,192,126	12,763,489	43,133,777
7. Less: Delivered to other pipe lines -				
8. Own Trunk system	8,719,479	8,043,033	6,735,851	26,492,363
9. Other pipe lines	5,505,196	5,079,348	5,135,270	16,298,256
10. <u>Net Delivered (24+25)</u>	187,435	69,745	892,368	343,158
11. Terminated on gathering systems	84,001	22,772	693,639	136,079
12. Delivered to other carriers (rail & truck)	103,434	46,973	198,729	207,079

Includes natural gasoline and refinery products.
Includes duplications.
Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		March 1957	February 1957	March 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,846,176	11,114,274	11,568,393	35,883,149
"	- Trunk	443,340	455,338	574,286	1,449,337
Saskatchewan	- Gathering	2,016,598	1,667,680	724,345	5,815,390
"	- Trunk	458,185	420,047	2,741	891,999
Manitoba	- Gathering	507,178	459,130	486,729	1,453,324
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,412,981	2,729,957	2,269,124	7,977,781
Quebec (3)	- Trunk	8,508,143	8,074,212	7,559,418	25,346,363
Net Received	- Gathering	14,369,952	13,241,084	12,779,467	43,151,863
" "	- Trunk	11,822,649	11,679,554	10,405,569	35,665,480
" "	- Total	26,192,601	24,920,638	23,185,036	78,817,343

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		March 1957	February 1957	March 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,914,614	4,971,235	4,064,761	16,756,543
Alberta (1)	- Gathering	113,496	47,571	768,486	217,950
"	- Trunk	911,128	860,668	817,812	2,792,290
Saskatchewan	- Gathering	73,939	22,174	123,882	125,208
"	- Trunk	1,598,597	1,365,552	1,285,722	4,464,858
Manitoba †	- Trunk	6,333,762	5,847,701	5,834,147	19,309,949
Ontario (2)	- Trunk	4,176,077	4,345,137	3,863,882	13,046,322
Quebec	- Trunk	6,806,389	6,420,855	6,079,320	20,250,296
Net Delivered	- Gathering	187,435	69,745	892,368	343,158
" "	- Trunk ‡	25,740,567	23,811,148	21,945,644	76,620,258
" "	- Total	25,928,002	23,880,893	22,838,012	76,963,416
†	Includes deliveries to U.S. pipe lines, Grctna, Man.				
‡	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	3,562,001	2,851,187	943,241	10,078,242
	via Interprovincial Pipe Line Company	1,864,172	1,710,529	1,595,482	5,591,147

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		March 1957	February X 1957	March X 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	464,906	471,147	411,726	479,264
Trunk Lines	"	1,187,329	1,217,685	1,001,129	1,217,659
Total Barrel Miles (Trunk Lines)	Millions	10,705	9,919	9,332	31,855
Average Miles Per Barrel (Trunk Lines)	Miles	290.8	290.9	300.7	290.7
Employees and Earnings (6)					
Average Number (4)	No.	1,655	1,628	1,378	4,897
Total Salaries and Wages	\$	729,048	725,202	604,252	2,173,631
Man-Hours Worked by Wage Earners (5) (6)	Hours	79,121	74,222	63,896	234,535

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

X Revised.

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

March, 1957							
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month March, 1957	4,146,821	8,208,399	6,756,625	5,803,303	3,418,497	(2) 13,694,360	42,028,005
This year (3 months)	12,573,069	25,143,090	20,264,962	16,540,547	10,125,001	(3) 41,215,840	125,862,509
<u>Total Delivered out of System</u>							
This month March, 1957	4,167,474	8,547,677	6,806,389	5,914,614	3,392,009	(4) 13,671,669	42,499,832
This year (3 months)	12,555,193	25,313,334	20,250,296	16,756,543	10,062,073	(5) 41,293,339	126,230,778
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month March, 1957	134,434	-	-	-	109,901	220,571	464,906
This year (3 months)	139,502	-	-	-	112,154	227,608	479,264
<u>Trunk Lines</u>							
This month March, 1957	-	275,732	219,561	190,794	109,420	391,822	1,187,329
This year (3 months)	-	281,259	225,003	186,184	111,801	413,412	1,217,659
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month March, 1957	-	4,390	502	4,115	236	1,462	10,705
This year (3 months)	-	13,531	1,492	11,588	699	4,545	31,855
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month March, 1957	-	514.0	73.7	696.0	69.5	120.4	290.8
This year (3 months)	-	535.0	73.7	692.0	69.5	122.2	290.7
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,925	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,863	23,155,115
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees March, 1957</u>	158	392	47	<u>Number</u>	272	213	(6) 573
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month March, 1957	66,885	181,742	21,493	128,428	83,622	(6) 246,878	729,048
This year (3 months)	199,171	543,985	64,575	361,678	255,018	(6) 749,204	2,173,631
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month March, 1957	19,351	516	516	910	21,202	(6) 36,626	79,121
This year (3 months)	58,465	806	1,692	1,510	65,000	(6) 107,062	234,535

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 4,242,010 bbls. products and 54,787 bbls. natural gasoline.

(3) Includes 13,291,044 bbls. products and 172,171 bbls. natural gasoline.

(4) Includes 4,245,102 bbls. products and 50,110 bbls. natural gasoline.

(5) Includes 13,252,746 bbls. products and 170,964 bbls. natural gasoline.

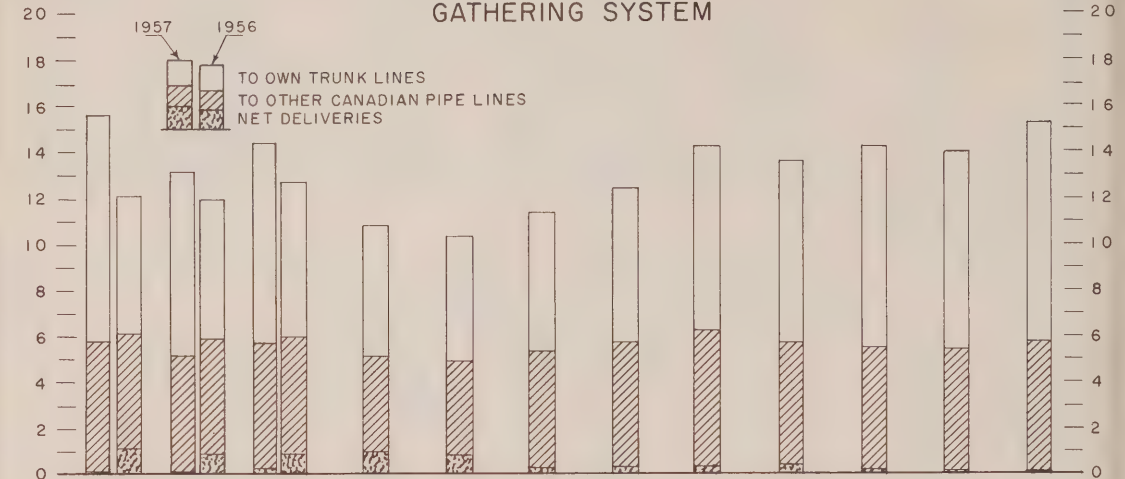
(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

MILLION
BARRELS

GATHERING SYSTEM

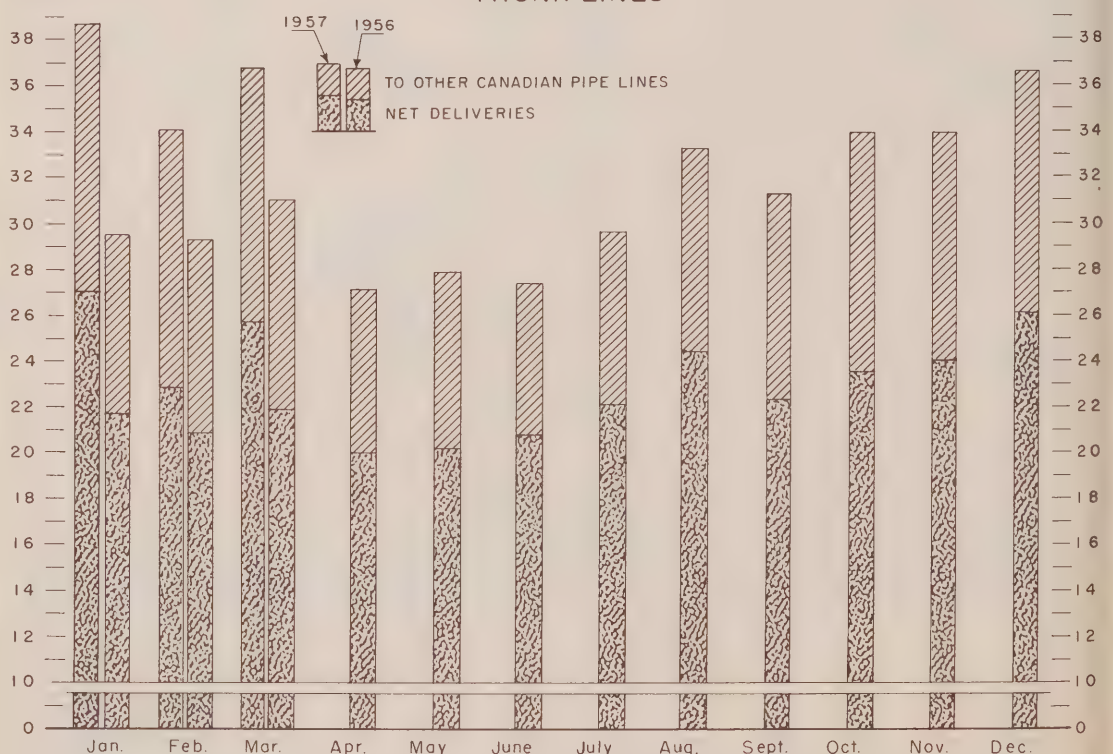
MILLION
BARRELS



40 —

TRUNK LINES

40 —



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

No. 4

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

APRIL, 1957

Total net deliveries of oil from Canadian pipe lines amounted to 24,331,185 barrels for the month of April. This was a daily average of 811,039 barrels as compared with an average of 836,387 in the previous month, a drop of 25,348 barrels or 3.0 p.c.

For the four months ended April 30, net deliveries amounted to 101,294,601 barrels, an increase of 14.6 p.c. above deliveries of 88,422,928 recorded in the same period in 1956. Of this total, refinery products accounted for 16,922,346 barrels, as against 15,251,963 in 1956. Provincial deliveries for the first four months were as follows, (figures in brackets): British Columbia 22,773,359 barrels (13,873,230); Alberta 3,224 barrels (6,446,283); Saskatchewan 5,794,005 barrels (5,832,779); Manitoba 24,965 barrels (22,538,245); Ontario 16,658,950 barrels (14,934,494); and Quebec 27,135,335 barrels (24,797,897). Included in Manitoba deliveries were 21,334,307 barrels (16,570,623) transferred to the Lake Head Pipe Line Company at Gretna. Of this 7,166,009 barrels were exported while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

For the month of April net receipts totalled 25,345,951 barrels down slightly from the March receipts of 26,192,601 but an increase of 19.6 p.c. above the April, 1956 receipts of 21,197,428 barrels. Included in the April receipts were 11,919,785 barrels of Alberta crude and 50,867 of Alberta natural gasoline, 2,317,372 barrels of Saskatchewan crude, 460,316 of Manitoba crude, 6,913,332 barrels of imported crude and 3,684,279 barrels of refinery products.

Gathering systems handled an average of 472,706 barrels per day in April, an increase of 30 p.c. over the corresponding month last year, when 363,061 barrels were handled. Tank line deliveries at 24,151,699 barrels dropped slightly from last month, but increased 19 p.c. over the daily average of 699,678 in April 1956.

Barrel miles at 9,971 million, were down slightly from 10,705 in March, and the average length of haul fell from 290.8 miles to 285.3.

Employment reached a new high in the month under review, with 1,687 employees earning \$775,673, as compared with 1,402 employees in April 1956 with total salaries of \$608,866.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Line Company, Ltd., Nisku Products Pipe Line Company, Anglo Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first four months of 1957, per table 6	166,621,177
Received into Trunk Lines from other Canadian Pipe Lines	62,457,883
"Net Received" into Canadian Pipe Line Systems	104,163,294
"Net Received" into Trunk Systems per table 1	46,817,016
"Net Received" into Gathering Systems per table 2	57,346,278
Total Delivered out of Systems - all companies -	
during first four months of 1957, per table 6	166,628,132
Delivered to other Canadian Pipe Lines	65,333,531
"Net Delivered" from Canadian Pipe Line Systems	101,294,601
"Net Delivered" from Trunk Systems per table 1	100,771,957
"Net Delivered" from Gathering Systems per table 2	522,644

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL, 1957

	Barrels	
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,478
Received into Gathering Systems January 1 to April 30, 1957	57,346,278	
Received into Trunk Systems January 1 to April 30, 1957	144,500,529	201,846,807
Total oil accountable for period		212,946,285
Delivered from Gathering Systems January 1 to April 30, 1957	57,314,969	
Delivered from Trunk Systems January 1 to April 30, 1957	144,538,793	201,853,762
Balance to be accounted for at April 30, 1957		11,092,523
Oil consumed as fuel and losses January 1 to April 30, 1957		334,851
Balance on hand - April 30, 1957		10,757,672
Total Shippers Balances - April 30, 1957	9,990,257	
Total Carriers Balances - April 30, 1957	767,415	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil Barrels	Sun Pipe Line Company Crude and Refined Oil Barrels
April, 1956	3,233,814	378,844
March, 1956	3,596,003	508,767
April, 1957	2,794,252	380,316

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	35,297,520	36,377,532	27,328,855	144,500,529
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,733,267	8,719,479	5,714,180	35,225,630
3. Other pipe lines - Gathering	8,178,937	4,494,168	2,610,908	21,363,441
4. Trunk	7,233,780	11,341,236	8,687,119	41,094,442
5. Net Received (6+7+8)	11,151,536	11,822,649	10,316,648	46,817,016
6. Originating on own trunk lines	4,049,892	4,622,113	4,144,509	18,437,146
7. Received from foreign pipe line connections	6,913,332	6,756,625	6,143,228	27,178,294
8. Received from other carriers (rail & truck)	188,312	443,911	28,911	1,201,576
9. Total Delivered * (10+11)	34,949,429	36,807,201	27,121,119	144,538,793
10. Less: Delivered to other Canadian trunk lines	10,797,730	11,066,634	7,115,368	43,766,836
11. Net Delivered (12+13+14)	24,151,699	25,740,567	20,005,751	100,771,957
12. Terminated on own trunk lines	15,531,109	16,766,662	14,157,151	65,434,040
13. Delivered to foreign pipe line connections	7,267,755	7,514,199	5,616,994	30,699,743
14. Delivered to other carriers (truck, rail & water)	1,352,835	1,459,706	231,606	4,638,174

TABLE 2

OIL^g CARRIED BY PIPE LINES - GATHERING

	April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,194,415	14,369,952	10,880,780	57,346,278
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	14,194,415	14,369,952	10,880,780	57,346,278
18. Originating on own gathering system	14,167,473	14,118,335	10,835,514	56,033,437
19. Received from other carriers (rail & truck)	26,942	251,617	45,266	1,312,841
20. Total Delivered * (21+22+23)	14,181,192	14,412,110	10,891,841	57,314,969
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,733,267	8,719,479	5,712,461	35,225,630
22. Other pipe lines	5,268,439	5,505,196	4,194,778	21,566,695
23. Net Delivered (24+25)	179,486	187,435	984,602	522,644
24. Terminated on gathering systems	50,739	84,001	671,156	186,818
25. Delivered to other carriers (rail & truck)	128,747	103,434	313,446	335,826

^f Includes natural gasoline and refinery products.

^g Includes duplications.

^h Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,645,104	11,846,176	9,714,747	47,528,253
"	- Trunk	386,944	443,340	446,739	1,836,281
Saskatchewan	- Gathering	2,088,995	2,016,598	755,580	7,904,385
"	- Trunk	228,377	458,185	1,127	1,120,376
Manitoba	- Gathering	460,316	507,178	410,453	1,913,640
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,958,545	2,412,981	2,248,116	9,936,326
Quebec (3)	- Trunk	8,577,670	8,508,143	7,620,666	33,924,033
Net Received	- Gathering	14,194,415	14,369,952	10,880,780	57,346,278
" "	- Trunk	11,151,536	11,822,649	10,316,648	46,817,016
" "	- Total	25,345,951	26,192,601	21,197,428	104,163,294

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		April 1 9 5 7	March 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	6,016,816	5,914,614	2,683,969	22,773,359
Alberta (1)	- Gathering	76,209	113,496	854,621	294,159
"	- Trunk	880,775	911,128	599,313	3,673,065
Saskatchewan	- Gathering	103,277	73,939	129,981	228,485
"	- Trunk	1,100,662	1,598,597	1,264,967	5,565,520
Manitoba	- Trunk	5,655,779	6,333,762	5,618,166	24,965,728
Ontario (2)	- Trunk	3,612,628	4,176,077	3,716,941	16,658,950
Quebec	- Trunk	6,885,039	6,806,389	6,122,395	27,135,335
Net Delivered	- Gathering	179,486	187,435	984,602	522,644
" "	- Trunk	24,151,699	25,740,567	20,005,751	100,771,957
" "	- Total	24,331,185	25,928,002	20,990,353	101,294,601
Includes deliveries to U.S. pipe lines, Gretna, Man.		4,763,684	5,389,617	4,884,716	21,334,307
Includes exports -					
via Trans Mountain Oil Pipe Line Company		3,838,628	3,562,001	943,241	13,916,870
via Interprovincial Pipe Line Company		1,574,862	1,864,172	1,446,234	7,166,009

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		April 1 9 5 7	March ^X 1 9 5 7	April 1 9 5 6	YEAR TO DATE 1 9 5 7
Barrels Handled - Daily Average					
Gathering Systems	Barrels	472,706	464,906	363,061	477,624
Trunk Lines	"	1,164,981	1,187,329	904,037	1,204,491
Total Barrel Miles (Trunk Lines)	Millions	9,971	10,705	8,107	41,927
Average Miles Per Barrel (Trunk Lines)	Miles	285.3	290.8	298.9	290.0
Employees and Earnings (6)					
Average Number (4)	No.	1,687	1,655	1,402	6,584
Total Salaries and Wages	\$	775,673	729,048	608,866	2,949,304
Man-Hours Worked by Wage Earners (5) (6)	Hours	77,077	79,121	55,531	311,612

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

X Revised.

LE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

April, 1957

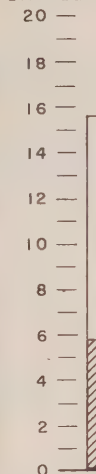
	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month April, 1957	4,043,207	7,832,652	6,913,332	5,971,106	3,356,217	(2) 12,642,154	40,758,668
This year (4 months)	16,616,276	32,975,742	27,178,294	22,511,653	13,481,218	(3) 53,857,994	166,621,177
<u>Total Delivered out of System</u>							
This month April, 1957	4,043,960	7,606,006	6,885,039	6,016,816	3,348,559	(4) 12,496,974	40,397,354
This year (4 months)	16,599,153	32,919,340	27,135,335	22,773,359	13,410,632	(5) 53,790,313	166,628,132
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month April, 1957	134,798	-	-	-	111,566	226,342	472,706
This year (4 months)	138,326	-	-	-	112,007	227,291	477,624
<u>Trunk Lines</u>							
This month April, 1957	-	253,534	229,501	200,561	111,619	369,766	1,164,981
This year (4 months)	-	274,328	226,128	189,778	111,755	402,502	1,204,491
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month April, 1957	-	3,572	507	4,198	233	1,461	9,971
This year (4 months)	-	17,103	1,999	15,786	932	6,107	41,927
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month April, 1957	-	470.0	73.6	698.0	69.5	131.8	285.3
This year (4 months)	-	520.0	73.7	693.0	69.5	126.4	290.0
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,925	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,863	23,155,115
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees April, 1957	162	404	53	285	210	(6) 573	1,687
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month April, 1957	69,712	201,936	23,105	144,455	86,948	(6) 249,517	775,673
This year (4 months)	268,883	745,921	87,680	506,133	341,966	(6) 998,721	2,949,304
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month April, 1957	19,494	591	547	586	20,361	(6) 35,498	77,077
This year (4 months)	77,959	1,398	2,238	2,096	85,361	(6) 142,560	311,612

Totals include duplication between companies.

- (1) See list of reporting companies on page 7.
- (2) Includes 3,684,279 bbls. products and 50,867 bbls. natural gasoline.
- (3) Includes 16,975,323 bbls. products and 223,038 bbls. natural gasoline.
- (4) Includes 3,669,600 bbls. products and 54,119 bbls. natural gasoline.
- (5) Includes 16,922,346 bbls. products and 225,083 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

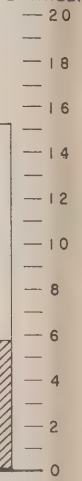
MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

MILLION
BARRELS



GATHERING SYSTEM

MILLION
BARRELS



TRUNK LINES



Jan.

Feb.

Mar.

Apr.

May

June

July

Aug.

Sept.

Oct.

Nov.

Dec.

List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

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Memorandum

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

MAY, 1957

Oil pipe lines in Canada recorded a total net delivery of 25,742,806 barrels May, an average of 830,413 barrels per day or 2.3 p.c. above the April delivery of 1,395 barrels per day and 21.9 p.c. over the deliveries of May last year.

For the five months ended May 31, 1957, total net deliveries were 127,085,284 barrels compared with 109,532,401 barrels in the same period last year, an increase of 16.0 p.c. Provincial deliveries for the five months were as follows (1956 data in brackets): British Columbia 28,994,303 barrels (16,950,864); Alberta 4,742,193 (7,686,760); Saskatchewan 7,057,310 (6,943,047); Manitoba 31,440,569 (28,465,032); Ontario 20,201,605 (18,331,170); and Quebec 34,649,304 (31,155,528). Included in Manitoba deliveries were 1,909,459 barrels (24,282,810) transferred to the Lakehead Pipe Line Company at Gretna. Of this 8,969,849 barrels were for export while the remainder moved through the United States destined to refineries at Sarnia. Exports via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include all deliveries at dock for export.

Net receipts for the month of May totalled 26,797,249 barrels, an increase over the previous month of 1,441,632 barrels, or 5.7 p.c. Included in the April receipts were 25,598,097 barrels of Alberta crude and 43,267 of Alberta natural gasoline, 2,563,795 barrels of Saskatchewan crude, 490,998 of Manitoba crude, 7,485,731 barrels of imported crude and 3,615,361 barrels of refinery products.

Gathering systems handled an average of 478,725 barrels per day in May, up slightly from the 473,062 barrels in April but an increase of 42.9 p.c. over the 335,115 barrels handled in the corresponding month last year. Trunk lines delivered an average of 1,219,534 barrels per day in the current month, 4.7 p.c. above the April average of 1,164,981, and 35.3 p.c. above the daily average of 901,248 barrels delivered in May 1956.

Barrel miles rose to 10,870 million from 9,971 million in April 1957 and 8,532 million in May 1956. The average length of haul increased slightly to 287.5 miles from 285.3 in the previous month.

Employment and wages reached a new high this month, with 1,791 employees earning \$32,334 as compared with 1,687 employees earning \$775,673 in April, increases of 6.2 p.c. and 7.3 p.c. respectively.

Operations of the Devon-Palmer Oils Ltd., gathering oil in the Chauvin area in Alberta are included in this report for the first time. The cumulative totals have been revised to include this company from January of this year.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first five months of 1957, per table 6	210,569,652
Received into Trunk Lines from other Canadian Pipe Lines	79,552,639
"Net Received" into Canadian Pipe Line Systems	131,017,013
"Net Received" into Trunk Systems per table 1	58,808,975
"Net Received" into Gathering Systems per table 2	72,208,038
Total Delivered out of Systems - all companies - during first five months of 1957, per table 6	210,389,976
Delivered to other Canadian Pipe Lines	83,304,692
"Net Delivered" from Canadian Pipe Line Systems	127,085,284
"Net Delivered" from Trunk Systems per table 1	126,321,745
"Net Delivered" from Gathering Systems per table 2	763,539

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May, and are given herewith:

OIL BALANCE - ALL COMPANIES - MAY, 1957

		Barrels
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,478
Received into Gathering Systems January 1 to May 31, 1957	72,208,038	
Received into Trunk Systems January 1 to May 31, 1957	182,519,328	254,727,366
Total oil accountable for period		265,826,844
Delivered from Gathering Systems January 1 to May 31, 1957	72,203,323	
Delivered from Trunk Systems January 1 to May 31, 1957	182,344,367	254,547,690
Balance to be accounted for at May 31, 1957		11,279,154
Oil consumed as fuel and losses January 1 to May 31, 1957		364,761
Balance on hand - May 31, 1957		10,914,393
Total Shippers Balances - May 31, 1957	10,092,191	
Total Carriers Balances - May 31, 1957	822,202	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
May, 1956	2,367,703	563,795
April, 1957	2,794,252	380,316
May, 1957	3,555,141	479,472

FILE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	May 1957	April 1957	May X 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
Total Received * (2+3+4+5)	38,018,799	35,297,520	27,545,988	182,519,328
Less: Received from other Canadian pipe lines				
Own Gathering System	8,932,084	8,733,267	5,461,391	44,157,714
Other pipe lines - Gathering	4,783,772	8,178,937	2,553,752	26,147,213
Trunk	12,310,984	7,233,780	9,188,642	53,405,426
Net Received (6+7+8)	11,991,959	11,151,536	10,342,203	58,808,975
Originating on own trunk lines	3,986,551	4,049,892	3,858,889	22,423,697
Received from foreign pipe line connections	7,485,731	6,913,332	6,397,300	34,664,025
Received from other carriers (rail & truck)	519,677	188,312	86,014	1,721,253
Total Delivered * (10+11)	37,805,574	34,949,429	27,938,696	182,344,367
Less: Delivered to other Canadian trunk lines	12,255,786	10,797,730	7,660,680	56,022,622
Net Delivered (12+13+14)	25,549,788	24,151,699	20,278,016	126,321,745
Terminated on own trunk lines	15,752,075	15,531,109	13,873,028	81,186,115
Delivered to foreign pipe line connections	7,941,618	7,267,755	5,892,131	38,641,361
Delivered to other carriers (truck, rail & water)	1,856,095	1,352,835	512,857	6,494,269

FILE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	May 1957	April X 1957	May 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
Total Received (16+17)	14,805,290	14,204,081	10,358,017	72,208,038
Less: Received from other gathering systems	-	-	-	-
Net Received (18+19)	14,805,290	14,204,081	10,358,017	72,208,038
Originating on own gathering system	14,559,541	14,177,139	10,114,798	70,649,448
Received from other carriers (rail & truck)	245,749	26,942	243,219	1,558,590
Total Delivered * (21+22+23)	14,840,477	14,191,864	10,388,591	72,203,323
Less: Delivered to other pipe lines -				
Own Trunk system	8,932,084	8,733,267	5,461,391	44,157,714
Other pipe lines	5,715,375	5,268,439	4,095,743	27,282,070
Net Delivered (24+25)	193,018	190,158	831,457	763,539
Terminated on gathering systems	58,806	50,739	609,628	245,624
Delivered to other carriers (rail & truck)	134,212	139,419	221,829	517,915

Includes natural gasoline and refinery products.
Includes duplications.
Includes natural gasoline.
Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		May 1957	April X 1957	May 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,229,221	11,654,770	9,125,972	59,813,944
"	- Trunk	477,777	386,944	563,613	2,314,056
Saskatchewan	- Gathering	2,085,071	2,088,995	761,579	9,989,456
"	- Trunk	478,724	228,377	2,761	1,599,100
Manitoba	- Gathering	490,998	460,316	470,466	2,404,638
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,970,148	1,958,545	1,874,894	11,906,474
Quebec (3)	- Trunk	9,065,310	8,577,670	7,900,935	42,989,343
Net Received	- Gathering	14,805,290	14,204,081	10,358,017	72,208,038
" "	- Trunk	11,991,959	11,151,536	10,342,203	58,808,975
" "	- Total	26,797,249	25,355,617	20,700,220	131,017,013

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		May 1957	April X 1957	May X 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	6,220,944	6,016,816	3,077,634	28,994,303
Alberta (1)	- Gathering	104,361	86,881	721,382	446,397
"	- Trunk	622,731	880,775	519,095	4,295,796
Saskatchewan	- Gathering	88,657	103,277	110,075	317,142
"	- Trunk	1,174,648	1,100,662	1,000,193	6,740,168
Manitoba ϕ	- Trunk	6,474,841	5,655,779	5,926,787	31,440,569
Ontario (2)	- Trunk	3,542,655	3,612,628	3,396,676	20,201,605
Quebec	- Trunk	7,513,969	6,885,039	6,357,631	34,649,304
Net Delivered	- Gathering	193,018	190,158	831,457	763,539
" "	- Trunk ϕ	25,549,788	24,151,699	20,278,016	126,321,745
" "	- Total	25,742,806	24,341,857	21,109,473	127,085,284
ϕ	Includes deliveries to U.S. pipe lines, Grctna, Man.	5,575,152	4,763,684	5,083,160	26,909,459
ϕ	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	4,205,534 1,803,840	3,838,628 1,574,862	1,296,922 1,366,799	18,122,404 8,969,849

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		May 1957	April X 1957	May 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	478,725	473,062	335,115	478,168
Trunk Lines	"	1,219,534	1,164,981	901,248	1,207,578
Total Barrel Miles (Trunk Lines)	Millions	10,870	9,971	8,532	52,797
Average Miles Per Barrel (Trunk Lines)	Miles	287.5	285.3	305.4	289.5
Employees and Earnings (6)					
Average Number (4)	No.	1,791	1,694	1,496	8,403
Total Salaries and Wages	\$	832,334	778,237	631,915	3,791,894
Man-Hours Worked by Wage Earners (5) (6)	Hours	90,912	77,077	69,849	402,523

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

X Revised

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TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>						(2)	
This month May, 1957	4,335,671	8,761,870	7,485,731	6,535,380	3,256,258	13,517,095	43,892,005
This year (five months)	20,951,947	41,737,612	34,664,025	29,047,033	16,737,476	(3) 67,431,559	210,569,652
<u>Total Delivered out of System</u>						(4)	
This month May, 1957	4,341,272	8,744,525	7,513,969	6,220,944	3,330,474	13,562,783	43,713,967
This year (five months)	20,940,425	41,663,865	34,649,304	28,994,303	16,741,106	(5) 67,400,973	210,389,976
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month May, 1957	140,041	-	-	-	104,134	234,550	478,725
This year (five months)	138,678	-	-	-	110,391	229,099	478,168
<u>Trunk Lines</u>							
This month May, 1957	-	282,081	242,386	200,676	107,435	386,956	1,219,534
This year (five months)	-	275,920	229,466	192,015	110,868	399,309	1,207,578
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month May, 1957	-	4,245	554	4,333	231	1,507	10,870
This year (five months)	-	21,348	2,553	20,119	1,163	7,614	52,797
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month May, 1957	-	485.0	73.7	697.0	69.5	125.6	287.5
This year (five months)	-	513.0	73.7	694.0	69.5	126.3	289.5
OPERATING REVENUES				<u>Dollars</u>		(7)	
Three Months ending Mar. 31, 1957	978,925	6,030,844	689,958	7,993,435	1,345,090	6,116,863	23,155,115
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>		(6)	
Number of Employees May, 1957	168	426	57	313	225	602	1,791
<u>Salaries and Wages</u>				<u>Dollars</u>		(6)	
This month May, 1957	73,228	207,799	24,554	150,947	96,675	(6) 279,131	832,334
This year (five months)	342,111	953,720	112,234	657,080	438,641	(6) 1,288,108	3,791,894
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>		(6)	
This month May, 1957	19,793	936	1,776	2,014	24,132	(6) 42,261	90,912
This year (five months)	97,752	2,333	4,015	4,110	109,492	(6) 184,821	402,523

Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,615,361 bbls. products and 43,267 bbls. natural gasoline.

(3) Includes 20,590,684 bbls. products and 266,307 bbls. natural gasoline.

(4) Includes 3,601,040 bbls. products and 39,949 bbls. natural gasoline.

(5) Includes 20,523,386 bbls. products and 265,032 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

MILLION
BARRELS

20 —

18 —

16 —

14 —

12 —

10 —

8 —

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1957

1956

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS

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TRUNK LINES

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Jan.

Feb.

Mar.

Apr.

May

June

July

Aug.

Sept.

Oct.

Nov.

Dec.

List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company; Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

MINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

No. 6

PIPE LINES (OIL) STATISTICS

Price \$1.00 per year

JUNE, 1957

The amount of oil moving through Canadian pipe lines during the month of June declined daily average of 799,448 barrels as compared with 830,413 barrels in May, but increased 104,522 barrels in June 1956.

Total net deliveries for the month of June amounted to 23,983,427 barrels as compared with 25,742,806 in May and 21,135,673 in the previous June. For the six months ended June 30, deliveries totalled 151,068,711 barrels as against 130,668,074 barrels in 1956, an increase of 15.7 p.c. Provincial deliveries for the first six months of the year were as follows (1956 data in brackets): British Columbia 33,180,134 barrels (19,901,962); Alberta 13,337 barrels (9,360,510); Saskatchewan 8,863,978 barrels (8,351,982); Manitoba 38,104, barrels (34,002,769); Ontario 23,228,415 barrels (21,416,926) and Quebec 41,888,642 barrels (37,633,925). Included in Manitoba deliveries were 32,732,401 barrels (29,218,001) referred to the Lakehead Pipe Line Company at Grétna. Of this 10,713,286 barrels were for export while the remainder moved through the United States destined to refineries at Sarnia. Deliveries via the Trans Mountain Oil Pipe Line are shown in a footnote to table 4 and include deliveries at dock for export.

Net receipts during the month of June totalled 25,484,200 barrels compared with 26,797, barrels in the previous month and 21,378,151 barrels one year earlier. Comprising June receipts were 11,765,976 barrels of Alberta crude and 34,572 barrels of Alberta natural gasoline, 2,826,844 barrels of Saskatchewan crude, 508,762 of Manitoba crude, 7,268,937 barrels of imported crude and 3,079,109 barrels of refinery products.

Gathering systems handled an average of 472,649 barrels per day compared with 478,725 barrels in May and 377,004 barrels in the previous year. Trunk lines delivered 1,164,437 barrels per day in the month under review, compared with 1,219,534 in May and 914,245 in June 1956.

Barrel miles totalled 8,401 million for the month of June, compared with 10,870 million in May and 8,105 in June 1956, the average length of haul falling from 287.5 to 240.5 miles. Vessels numbered 1,822 and earned \$823,059 in June 1957, compared with 1,515 employees earning \$651,043 in the corresponding month last year.

With all major companies showing greater earnings, combined operating revenues for the first half of the year recorded an increase of 35.8 p.c. over the previous year, rising from \$4,893 to \$47,566,006.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Sarnia Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

-08-67

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first six months of 1957, per table 6	251,775,752
Received into Trunk Lines from other Canadian Pipe Lines	95,274,539
"Net Received" into Canadian Pipe Line Systems	156,501,213
"Net Received" into Trunk Systems per table 1	70,124,995
"Net Received" into Gathering Systems per table 2	86,376,218
Total Delivered out of Systems - all companies - during first six months of 1957, per table 6	250,907,814
Delivered to other Canadian Pipe Lines	99,839,103
"Net Delivered" from Canadian Pipe Line Systems	151,068,711
"Net Delivered" from Trunk Systems per table 1	150,121,919
"Net Delivered" from Gathering Systems per table 2	946,792

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for June and are given herewith:

OIL BALANCE - ALL COMPANIES - JUNE, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to June 30, 1957	86,376,218
Received into Trunk Systems January 1 to June 30, 1957	218,151,929
Total oil accountable for period	315,627
Delivered from Gathering Systems January 1 to June 30, 1957	86,382,818
Delivered from Trunk Systems January 1 to June 30, 1957	217,277,391
Balance to be accounted for at June 30, 1957	11,967
Oil consumed as fuel and losses January 1 to June 30, 1957	374
Balance on hand - June 30, 1957	11,592
Total Shippers Balances - June 30, 1957	10,726,452
Total Carriers Balances - June 30, 1957	866,111

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
June 1956	2,607,286	564,970
May 1957	3,555,141	479,472
June 1957	3,540,485	494,667

PAGE 1

OIL CARRIED BY PIPE LINES - TRUNK

	June 1957	May x 1957	June x 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	35,632,601	38,018,799	27,648,595	218,151,929
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,594,681	8,932,084	5,968,364	52,752,395
3. Other pipe lines - Gathering	8,692,429	4,783,772	2,859,334	34,839,642
4. Trunk	7,029,471	12,310,984	8,765,607	60,434,807
5. <u>Net Received (6+7+8)</u>	11,316,020	11,991,959	10,055,290	70,124,985
6. Originating on own trunk lines	3,435,104	3,986,551	3,532,296	25,858,801
7. Received from foreign pipe line connections	7,268,937	7,485,731	6,438,531	41,932,962
8. Received from other carriers (rail & truck)	611,979	519,677	84,463	2,333,232
9. <u>Total Delivered * (10+11)</u>	34,933,118	37,805,480	27,427,377	217,277,391
10. Less: Delivered to other Canadian trunk lines	11,132,944	12,255,692	6,529,128	67,155,472
11. <u>Net Delivered (12+13+14)</u>	23,800,174	25,549,788	20,898,249	150,121,919
12. Terminated on own trunk lines	15,777,007	15,572,075	14,904,673	96,963,122
13. Delivered to foreign pipe line connections	7,588,782	7,941,618	5,863,903	46,230,143
14. Delivered to other carriers (truck, rail & water)	434,385	1,856,095	129,673	6,928,654

PAGE 2

OIL CARRIED BY PIPE LINES - GATHERING

	June 1957	May 1957	June 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	14,168,180	14,805,290	11,322,861	86,376,218
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	14,168,180	14,805,290	11,322,861	86,376,218
18. Originating on own gathering system	13,994,414	14,559,541	10,075,959	84,643,862
19. Received from other carriers (rail & truck)	173,766	245,749	246,902	1,732,356
20. <u>Total Delivered * (21+22+23)</u>	14,179,495	14,840,477	11,310,133	86,382,818
Less: Delivered to other pipe lines -				
1. Own Trunk system	8,594,681	8,932,084	5,968,364	52,752,395
2. Other pipe lines	5,401,561	5,715,375	5,104,345	32,683,631
3. <u>Net Delivered (24+25)</u>	183,253	193,018	237,424	946,792
4. Terminated on gathering systems	67,387	58,806	72,147	313,011
5. Delivered to other carriers (rail & truck)	115,866	134,212	165,277	633,781

Includes natural gasoline and refinery products.
Includes duplications.
Includes natural gasoline.
Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		June 1957	May 1957	June 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,430,976	12,229,221	10,158,086	71,244,920
"	- Trunk	424,486	477,777	517,263	2,738,344
Saskatchewan	- Gathering	2,228,442	2,085,071	702,571	12,217,896
"	- Trunk	598,402	478,724	16,640	2,197,502
Manitoba	- Gathering	508,762	490,898	462,204	2,913,400
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,544,964	1,970,148	1,613,123	13,431,436
Quebec (3)	- Trunk	8,748,168	9,065,310	7,908,264	51,737,511
Net Received	- Gathering	14,168,180	14,805,290	11,322,861	86,376,218
" "	- Trunk	11,316,020	11,991,959	10,055,290	70,124,993
" "	- Total	25,484,200	26,797,249	21,378,151	156,501,213

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		June 1957	May 1957	June x 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,185,831	6,220,944	2,951,098	33,180,134
Alberta (1)	- Gathering	119,220	104,361	134,337	565,617
"	- Trunk	941,924	622,731	1,539,413	5,237,720
Saskatchewan	- Gathering	64,033	88,657	103,087	381,175
"	- Trunk	1,742,635	1,174,648	1,305,848	8,482,803
Manitoba ^δ	- Trunk	6,663,636	6,474,841	5,537,737	38,104,205
Ontario (2)	- Trunk	3,026,810	3,542,655	3,085,756	23,228,415
Quebec	- Trunk	7,239,338	7,513,969	6,478,397	41,888,642
Net Delivered	- Gathering	183,253	193,018	237,424	946,792
" "	- Trunk ^δ	23,800,174	25,549,788	20,898,249	150,121,919
" "	- Total	23,983,427	25,742,806	21,135,673	151,068,711
^δ Includes deliveries to U.S. pipe lines, Grains, Man.		5,822,942	5,575,152	4,935,191	32,732,401
^δ Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		2,187,960 1,743,437	4,205,534 1,803,840	1,050,536 1,256,335	20,310,364 10,713,286

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		June 1957	May 1957	June 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	472,649	478,725	377,004	477,253
Trunk Lines	"	1,164,437	1,219,534	914,245	1,200,427
Total Barrel Miles (Trunk Lines)	Millions	8,401	10,870	8,105	61,198
Average Miles Per Barrel (Trunk Lines)	Miles	240.5	287.5	295.5	281.7
Employees and Earnings (6)					
Average Number (4)	No.	1,822	1,791	1,515	10,227
Total Salaries and Wages	\$	823,059	832,334	651,043	4,614,955
Man-Hours Worked by Wage Earners (5) (6)	Hours	81,077	90,912	67,074	483,001

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Wiskin Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

SUR 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
JUNE, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month June, 1957	4,035,022	9,236,810	7,268,937	4,670,808	3,181,452	12,813,071	41,206,100
This year (6 months)	24,986,969	50,974,422	41,932,962	33,717,841	19,918,928	80,244,630	251,775,752
<u>Total Delivered out of System</u>							
This month June, 1957	4,045,186	9,093,662	7,239,338	4,185,831	3,147,549	12,806,366	40,517,932
This year (6 months)	24,985,611	50,757,527	41,888,642	33,180,134	19,888,655	80,207,245	250,907,814
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month June, 1957	134,839	-	-	-	104,019	233,791	472,649
This year (6 months)	138,042	-	-	-	109,335	229,876	477,253
<u>Trunk Lines</u>							
This month June, 1957	-	303,122	241,311	139,528	104,918	375,558	1,164,437
This year (6 months)	-	280,428	231,429	183,316	109,882	395,372	1,200,427
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month June, 1957	-	3,407	534	2,887	219	1,354	8,401
This year (6 months)	-	24,755	3,086	23,006	1,382	8,969	61,198
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month June, 1957	-	347.0	73.7	690.0	65.5	120.2	240.5
This year (6 months)	-	448.0	73.7	693.0	69.5	125.3	281.7
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924 ^x	6,030,844	689,958	7,993,435	1,345,090	6,116,865 ^x	23,155,116 ^x
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	13,519,984	47,566,006
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees June, 1957	173	440	58	313	227	(6) 611	1,822
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month June, 1957	70,656	211,641	25,786	151,571	93,629	(6) 269,776	823,059
This year (6 months)	412,767	1,165,361	138,020	808,651	532,270	(6) 1,557,884	4,614,953
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month June, 1957	18,789	859	2,044	1,671	21,490	(6) 36,224	81,077
This year (6 months)	116,541	3,192	6,058	5,781	130,983	(6) 221,045	483,600

Totals include duplication between companies.

- 1) See list of reporting companies on page 7.
 - 2) Includes 3,079,109 bbls. products and 34,572 bbls. natural gasoline.
 - 3) Includes 23,669,793 bbls. products and 300,888 bbls. natural gasoline.
 - 4) Includes 3,075,934 bbls. products and 35,474 bbls. natural gasoline.
 - 5) Includes 23,609,320 bbls. products and 300,506 bbls. natural gasoline.
 - 6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.
 - 7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.
- ^x Revised.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

MILLION
BARRELS

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1957 1956

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS

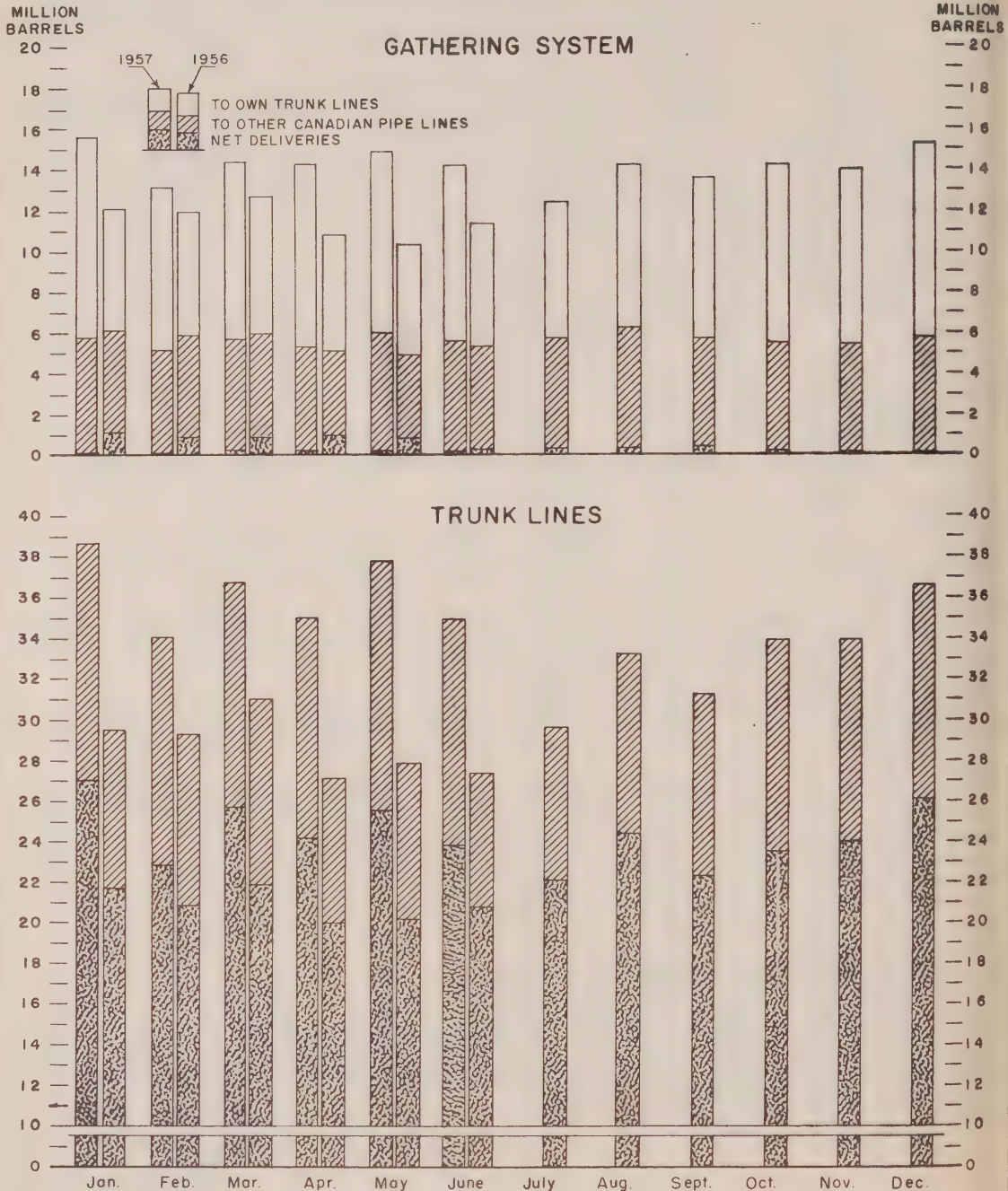
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TRUNK LINES

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Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



List of Oil Pipe Lines Reporting

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Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
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Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
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Saskatoon Pipe Line Company, Limited
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Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
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MINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

7, No. 7

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

JULY, 1957

Total net deliveries through Canadian oil pipe lines during July amounted to 26,036,018 barrels as compared with 23,983,427 in July 1956. The net daily average of 839,872 barrels was up 40,425 barrels over last month and 114,565 barrels over July 1956. Barrel miles totalled 10,100 million in July, rising from 8,401 million in June, an increase of 20.1 p.c. and from 8,946 million in July the previous year. Associated with the June-July increase in barrel miles was an increase in average length of haul, up 36.5 miles to 277.0 miles from 240.5. In comparison with July 1956, however, the average length of haul declined 24.3 per cent.

For the first seven months of the year, total net deliveries by provinces were as follows (1956 data in brackets); British Columbia 5,241,529 (4,185,831); Alberta 2,042,752 (1,144); Saskatchewan 1,508,974 (1,806,668); Manitoba 6,988,790 (6,663,636); Ontario 1,636 (3,026,810) and Quebec 6,992,337 (7,239,338).

Gathering systems handled an average of 486,812 barrels per day compared with 472,649 barrels in June and 402,402 barrels in the previous year. Trunk lines delivered 1,176,002 barrels per day in the month under review, compared with 1,164,437 barrels in June and 912 in July 1956.

Net receipts during July totalled 26,323,306 barrels as against 25,484,200 in the previous month and 22,840,001 in July 1956. July receipts were comprised of 12,605,547 barrels of Alberta crude and 39,045 of Alberta natural gasoline, 2,848,901 of Saskatchewan crude, 1,191 of Manitoba crude, 6,975,194 barrels of imported crude and 3,315,428 barrels of refinery products.

Employment and earnings increased in July with 1,834 employees earning \$849,643, as against 1,822 employees with total salaries of \$823,059 in the previous month, and 1,564 employees earning \$670,493 a year ago.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd., have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

4508-77

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first seven months of 1957, per table 6	294,285,274
Received into Trunk Lines from other Canadian Pipe Lines	111,465,239
"Net Received" into Canadian Pipe Line Systems	182,820,035
"Net Received" into Trunk Systems per table 1	81,309,849
"Net Received" into Gathering Systems per table 2	101,510,186
Total Delivered out of Systems - all companies -	
during first seven months of 1957, per table 6	293,166,719
Delivered to other Canadian Pipe Lines	116,061,990
"Net Delivered" from Canadian Pipe Line Systems	177,104,729
"Net Delivered" from Trunk Systems per table 1	175,905,537
"Net Delivered" from Gathering Systems per table 2	1,199,192

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July, and are given herewith:

OIL BALANCE - ALL COMPANIES - JULY, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to July 31, 1957	101,514,670
Received into Trunk Systems January 1 to July 31, 1957	254,815,836
	356,330,506
Total oil accountable for period	367,429,984
Delivered from Gathering Systems January 1 to July 31, 1957	101,473,992
Delivered from Trunk Systems January 1 to July 31, 1957	253,733,475
	355,207,467
Balance to be accounted for at July 31, 1957	12,222,517
Oil consumed as fuel and losses January 1 to July 31, 1957	465,303
Balance on hand - July 31, 1957	11,757,214
Total Shippers Balances - July 31, 1957	10,765,314
Total Carriers Balances - July 31, 1957	991,900

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
July, 1956	3,662,145	611,187
June, 1957	3,540,485	494,667
July, 1957	3,297,114	505,775

PIPE LINES (OIL) STATISTICS

JULY, 1957

E R R A T A

Second paragraph to read as follows:

For the first seven months of the year, total net deliveries amounted to 177,104,729 barrels as compared with 153,152,596 in the corresponding period last year. Provincial deliveries were as follows (1956 data in brackets): British Columbia 38,421,663 (23,548,920); Alberta 7,846,089 (11,226,029); Saskatchewan 10,372,952 (9,531,091); Manitoba 45,092,995 (40,076,572); Ontario 26,490,051 (24,719,794) and Quebec 48,880,979 (44,050,190).

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	July 1957	June 1957	July 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	36,663,907	35,632,601	30,032,772	254,815,836
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,288,353	8,594,681	6,774,015	62,040,748
3. Other pipe lines - Gathering	4,852,770	4,847,084 ^x	3,096,402	31,885,486
4. Trunk	11,337,930	10,874,816 ^x	9,806,651	79,579,753
5. <u>Net Received (6+7+8)</u>	11,184,854	11,316,020	10,355,704	81,309,849
6. Originating on own trunk lines	3,676,324	3,435,104	3,764,851	29,535,125
7. Received from foreign pipe line connections	6,975,194	7,268,937	6,459,234	48,908,156
8. Received from other carriers (rail & truck)	533,336	611,979	131,619	2,866,568
9. <u>Total Delivered * (10+11)</u>	36,456,084	34,933,118	29,695,299	253,733,475
10. Less: Delivered to other Canadian trunk lines	10,672,466	11,132,944	7,500,241	77,827,938
11. <u>Net Delivered (12+13+14)</u>	25,783,618	23,800,174	22,195,058	175,905,537
12. Terminated on own trunk lines	16,544,862	15,777,007	15,327,289	113,507,984
13. Delivered to foreign pipe line connections	9,140,762	7,588,782	6,001,270	55,370,905
14. Delivered to other carriers (truck, rail & water)	97,994	434,385	866,499	7,026,648

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	July 1957	June 1957	July 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,138,452	14,168,180	12,484,297	101,514,670
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	15,138,452	14,168,180	12,484,297	101,514,670
18. Originating on own gathering system	14,988,069	13,994,414	12,069,713	99,631,931
19. Received from other carriers (rail & truck)	150,383	173,766	414,584	1,882,739
20. <u>Total Delivered * (21+22+23)</u>	15,091,174	14,179,495	12,474,476	101,473,992
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,288,353	8,594,681	6,774,015	62,040,748
22. Other pipe lines	5,550,421	5,401,561	5,410,997	38,234,052
23. <u>Net Delivered (24+25)</u>	252,400	183,253	289,464	1,199,192
24. Terminated on gathering systems	117,265	67,387	67,546	430,276
25. Delivered to other carriers (rail & truck)	135,135	115,866	221,918	768,916

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[†] Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		July 1957	June 1957	July 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	12,264,256	11,430,976	11,107,536	83,509,176
"	- Trunk	431,635	424,486	556,238	3,170,179
Saskatchewan	- Gathering	2,335,005	2,228,442	862,609	14,552,903
"	- Trunk	513,896	598,402	35,899	2,711,398
Manitoba	- Gathering	539,191	508,762	514,152	3,452,591
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,520,975	1,544,964	1,780,079	14,972,413
Quebec (3)	- Trunk	8,718,348	8,748,168	7,983,488	60,455,859
Net Received	- Gathering	15,138,452	14,168,180	12,484,297	101,514,670
" "	- Trunk	11,184,854	11,316,020	10,355,704	81,309,849
" "	- Total	26,323,306	25,484,200	22,840,001	182,824,519

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		July 1957	June 1957	July 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,241,529	4,185,831	3,646,958	38,421,663
Alberta (1)	- Gathering	166,575	119,220	174,200	732,192
"	- Trunk	1,876,177	941,924	1,691,319	7,113,897
Saskatchewan	- Gathering	85,825	64,033	115,264	467,000
"	- Trunk	1,423,149	1,742,635	1,063,845	9,905,952
Manitoba ^φ	- Trunk	6,988,790	6,663,636	6,073,803	45,092,995
Ontario (2)	- Trunk	3,261,636	3,026,810	3,302,868	26,490,051
Quebec	- Trunk	6,992,337	7,239,338	6,416,265	48,880,979
Net Delivered	- Gathering	252,400	183,253	289,464	1,199,192
" "	- Trunk [‡]	25,783,618	23,800,174	22,195,058	175,905,537
" "	- Total	26,036,018	23,983,427	22,484,522	177,104,729
" "	- Total (daily average)	839,872	799,448	725,307	835,400
^φ	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,226,698	5,822,942	5,259,894	38,959,099
[‡]	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	3,000,176 1,598,330	2,187,960 1,743,437	1,591,627 1,410,569	23,310,540 12,311,616

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		July 1957	June 1957	July 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	486,812	472,649	402,402	478,651
Trunk Lines	"	1,176,002	1,164,437	951,912	1,196,856
Total Barrel Miles (Trunk Lines)	Millions	10,100	8,401	8,946	71,298
Average Miles Per Barrel (Trunk Lines)	Miles	277.0	240.5	301.3	281.0
Employees and Earnings (6)					
Average Number (4)	No.	1,834	1,822	1,564	12,059
Total Salaries and Wages	\$	849,643	823,059	670,493	5,464,596
Man-Hours Worked by Wage Earners (5) (6)	Hours	90,163	83,296 ^x	74,120	575,982

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisken Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

July 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month July, 1957	4,153,537	9,330,455	6,975,194	5,164,318	3,489,845	(2) 13,400,657	42,514,006
This year (7 months)	29,140,506	60,304,877	48,908,156	38,882,159	23,408,773	(3) 93,645,287	294,289,758
<u>Total Delivered out of System</u>							
This month July, 1957	4,139,194	9,305,219	6,992,337	5,241,529	3,375,316	(4) 13,205,310	42,258,905
This year (7 months)	29,124,805	60,062,746	48,880,979	38,421,663	23,263,971	(5) 93,412,555	293,166,719
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month July, 1957	133,522	-	-	-	109,550	243,740	486,812
This year (7 months)	137,381	-	-	-	109,366	231,904	478,651
<u>Trunk Lines</u>							
This month July, 1957	-	300,168	225,559	169,082	108,881	372,311	1,176,002
This year (7 months)	-	283,314	230,571	181,234	109,736	392,001	1,196,856
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month July, 1957	-	4,327	515	3,589	235	1,434	10,100
This year (7 months)	-	29,082	3,602	26,595	1,617	10,402	71,298
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month July, 1957	-	465.0	73.7	658.0	69.5	124.2	277.0
This year (7 months)	-	484.0	73.7	692.0	69.5	125.2	281.0
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,865	23,155,116
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,519,984	47,566,006
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees July, 1957	177	452	58	308	224	(6) 615	1,834
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month July, 1957	76,345	218,445	27,191	155,494	97,914	(6) 274,254	849,643
This year (7 months)	489,112	1,383,806	165,211	964,145	630,184	(6) 1,832,138	5,464,596
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month July, 1957	21,269	976	2,636	1,267	22,385	(6) 41,630	90,163
This year (7 months)	137,810	4,168	8,695	7,048	153,368	(6) 264,893	575,982

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,315,428 bbls. products and 39,045 bbls. natural gasoline.

(3) Includes 26,985,221 bbls. products and 339,922 bbls. natural gasoline.

(4) Includes 3,307,709 bbls. products and 38,940 bbls. natural gasoline.

(5) Includes 26,907,029 bbls. products and 339,446 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

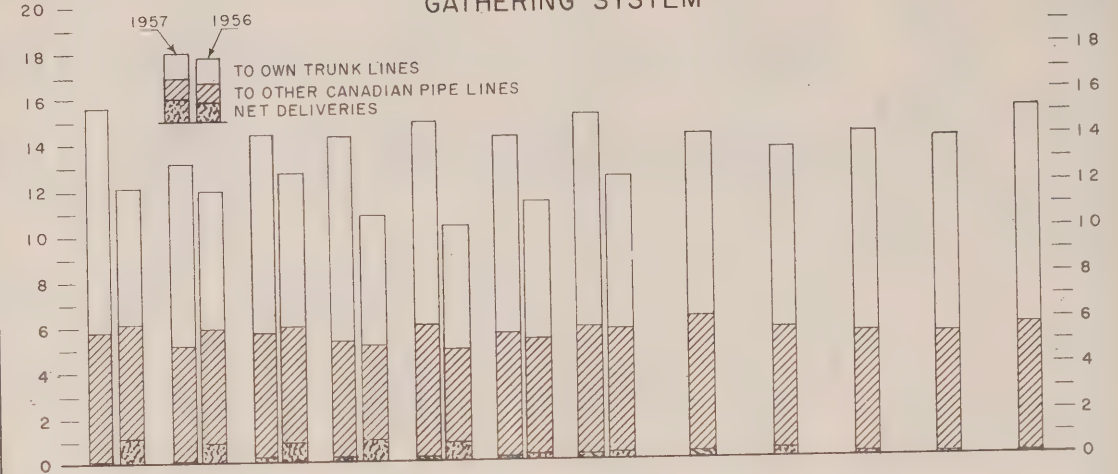
(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

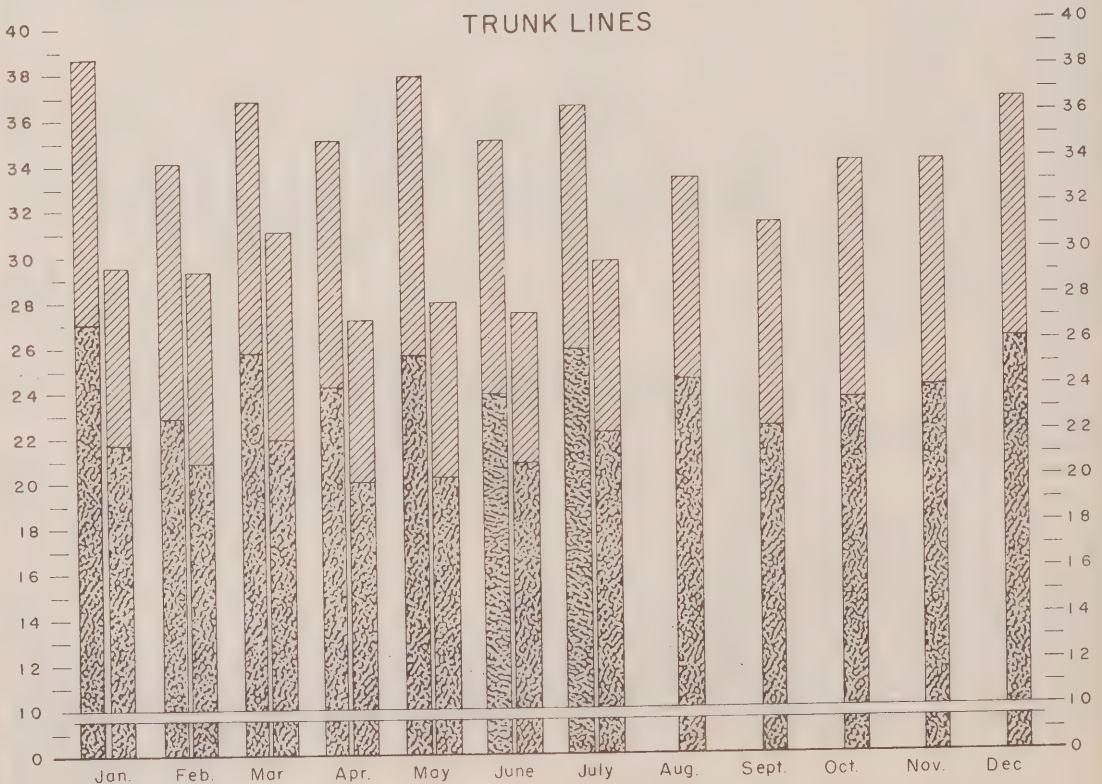
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

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OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

Vol. 7, No. 8

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

AUGUST, 1957

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With all major companies showing declines, net deliveries from oil pipe lines in Canada dropped 5.5 p.c. during August to a total of 24,607,743 barrels from 26,036,18 barrels in the previous month. Last year, in comparison, net deliveries rose 10.2 p.c. between July and August but the August 1956 total of 24,769,675 barrels was only slightly higher than the amount transported this year. The daily average delivery during August 1957 was 793,798 barrels, a decrease of 5,224 barrels from the 799,022 reported for August 1956. Barrel miles declined to 10,074 million from 10,100 million and the average length of haul to 281.3 miles from 303.4 miles one year previously.

Total net deliveries from both gathering and trunk lines for the eight months ended August 31, aggregated 201,712,472 barrels as compared with 177,922,271 in the same period last year, and 143,415,453 in 1955. Provincial deliveries were as follows (1956 data in brackets): British Columbia 43,440,542 barrels (28,305,809); Alberta 9,115,600 (13,077,540); Saskatchewan 11,999,034 (10,974,565); Manitoba 51,617,081 (46,376,095); Ontario 29,820,971 (28,448,376); and Quebec 55,719,244 (50,739,886). Exports via pipe line are shown in a footnote to table 4 and include all deliveries at dock for export. The Trans Mountain figure for August includes 92,338 barrels of oil destined to Japan.

Gathering systems handled an average of 458,112 barrels per day compared with 486,812 barrels in July and 460,743 barrels one year earlier. Trunk lines delivered 1,155,166 barrels daily in the current month, down 20,836 barrels from the previous month, but an increase of 81,361 barrels over August 1956.

During the month of August, net receipts totalled 25,264,897 barrels, a decrease of 1,057,718 barrels from the previous month and slightly below the August 1956 total of 25,315,644. Comprising August receipts were 11,412,277 barrels of Alberta crude and 42,141 barrels of Alberta natural gasoline, 2,984,840 barrels of Saskatchewan crude, 538,117 barrels of Manitoba crude, 6,892,479 barrels of imported crude and 3,395,043 barrels of refinery products.

Employment and wages decreased slightly in August with 1,792 employees earning \$836,162 as against 1,607 employees earning \$692,385 last year. The average monthly wage of \$467 compares with \$431 one year ago.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-87

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eight months of 1957, per table 6	335,371,907
Received into Trunk Lines from other Canadian Pipe Lines	127,283,182
"Net Received" into Canadian Pipe Line Systems	208,088,725
"Net Received" into Trunk Systems per table 1	92,436,632
"Net Received" into Gathering Systems per table 2	115,652,093
Total Delivered out of Systems - all companies -	
during first eight months of 1957, per table 6	334,416,565
Delivered to other Canadian Pipe Lines	132,704,093
"Net Delivered" from Canadian Pipe Line Systems	201,712,472
"Net Delivered" from Trunk Systems per table 1	200,250,612
"Net Delivered" from Gathering Systems per table 2	1,461,860

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to August 31, 1957	115,652,093
Received into Trunk Systems January 1 to August 31, 1957	290,522,362
	406,174,455
Total oil accountable for period	417,273,933
Delivered from Gathering Systems January 1 to August 31, 1957	115,675,473
Delivered from Trunk Systems January 1 to August 31, 1957	289,543,640
	405,219,113
Balance to be accounted for at August 31, 1957	12,054,820
Oil consumed as fuel and losses January 1 to August 31, 1957 ..	484,182
Balance on hand - August 31, 1957	11,570,638
Total Shippers Balances - August 31, 1957	10,470,874
Total Carriers Balances - August 31, 1957	1,099,764

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia via Interprovincial's line would be a duplication of already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company Crude Oil	Sun Pipe Line Company Crude and Refined Oil
	Barrels	Barrels
August, 1956	3,691,393	700,723
July, 1957	3,297,114	505,775
August, 1957	3,456,113	520,218

TABLE 1 OIL CARRIED BY PIPE LINES - TRUNK

	August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	35,706,526	36,663,907	33,767,402	290,522,362
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,761,800	9,288,353	8,022,395	70,802,548
3. Other pipe lines - Gathering	4,736,930	4,852,770	3,708,687	36,622,416
4. Trunk	11,081,013	11,337,930	11,052,178	90,660,766
5. <u>Net Received (6+7+8)</u>	11,126,783	11,184,854	10,984,142	92,436,632
6. Originating on own trunk lines	3,767,174	3,676,324	4,228,191	33,302,299
7. Received from foreign pipe line connections	6,892,479	6,975,194	6,649,589	55,800,635
8. Received from other carriers (rail & truck)	467,130	533,336	106,362	3,333,698
9. <u>Total Delivered * (10+11)</u>	35,810,165	36,456,084	33,287,955	289,543,640
10. Less: Delivered to other Canadian trunk lines	11,465,090	10,672,466	8,874,303	89,293,028
11. <u>Net Delivered (12+13+14)</u>	24,345,075	25,783,618	24,413,652	200,250,612
12. Terminated on own trunk lines	15,836,368	16,544,862	16,241,824	129,344,352
13. Delivered to foreign pipe line connections	8,367,296	9,140,762	7,162,757	63,738,201
14. Delivered to other carriers (truck, rail & water)	141,411	97,994	1,009,071	7,168,059

TABLE 2 OIL CARRIED BY PIPE LINES - GATHERING

	August 1 9 5 7	July ^x 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	14,138,114	15,137,761	14,331,502	115,652,093
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	14,138,114	15,137,761	14,331,502	115,652,093
18. Originating on own gathering system	14,003,896	14,987,378	13,745,907	113,635,136
19. Received from other carriers (rail & truck)	134,218	150,383	585,595	2,016,957
20. <u>Total Delivered * (21+22+23)</u>	14,201,481	15,091,174	14,283,058	115,675,473
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,761,800	9,288,353	8,022,395	70,802,548
22. Other pipe lines	5,177,013	5,550,421	5,904,640	43,411,065
23. <u>Net Delivered (24+25)</u>	262,668	252,400	356,023	1,461,860
24. Terminated on gathering systems	127,773	117,265	75,859	558,049
25. Delivered to other carriers (rail & truck)	134,895	135,135	280,164	903,811

‡ Includes natural gasoline and refinery products.

* Includes duplications.

‡ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		August 1 9 5 7	July ^x 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,077,372	12,263,565	12,590,706	94,585,857
"	- Trunk	439,337	451,635	547,833	3,609,516
Saskatchewan	- Gathering	2,522,625	2,335,005	1,233,061	17,075,528
"	- Trunk	462,215	513,896	38,841	3,173,613
Manitoba	- Gathering	538,117	539,191	507,735	3,990,708
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,515,223	1,520,975	2,354,594	16,487,636
Quebec (3)	- Trunk	8,710,008	8,718,348	8,042,874	69,165,867
Net Received	- Gathering	14,138,114	15,137,761	14,331,502	115,652,093
" "	- Trunk	11,126,783	11,184,854	10,984,142	92,436,632
" "	- Total	25,264,897	26,322,615	25,315,644	208,088,725

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED OR WAS TRANSFERRED TO OTHER CARRIERS

Province		August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	5,018,879	5,241,529	4,756,889	43,440,542
Alberta (1)	- Gathering	165,977	166,575	207,455	898,169
"	- Trunk	1,103,534	1,876,177	1,644,056	8,217,431
Saskatchewan	- Gathering	96,691	85,825	148,568	563,691
"	- Trunk	1,529,391	1,423,149	1,294,906	11,435,343
Manitoba [♢]	- Trunk	6,524,086	6,988,790	6,299,523	51,617,081
Ontario (2)	- Trunk	3,330,920	3,261,636	3,728,582	29,820,971
Quebec	- Trunk	6,838,265	6,992,337	6,689,696	55,719,244
Net Delivered	- Gathering	262,668	252,400	356,023	1,461,860
" "	- Trunk [♢]	21,345,075	25,783,618	24,413,652	200,250,612
" "	- Total	24,607,743	26,036,018	24,769,675	201,712,472
" "	- Daily average	793,798	839,872	799,022	830,092
[♢] Includes deliveries to U.S. pipe lines, Grctna, Man.		5,699,179	6,226,698	5,394,496	44,658,278
[♢] Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		2,788,956 1,718,444	3,000,176 1,598,330	2,758,234 1,135,575	26,099,496 14,030,060

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
Barrels Handled - Daily Average					
Gathering Systems	Barrels	458,112	486,812	460,743	476,031
Trunk Lines	"	1,155,166	1,176,002	1,073,805	1,191,537
Total Barrel Miles (Trunk Lines)	Millions	10,074	10,128 ^x	10,100	81,427
Average Miles Per Barrel (Trunk Lines)	Miles	281.3	277.8	303.4	281.2
Employees and Earnings (6)					
Average Number (4)	No.	1,792	1,834	1,607	13,851
Total Salaries and Wages	\$	836,162	849,643	692,385	6,300,758
Man-Hours Worked by Wage Earners (5) (6)	Hours	85,477	90,163	74,307	661,459

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6 **TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES**

August, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month August, 1957	3,665,569	8,934,284	6,892,479	5,023,159	3,361,189	(2) 13,206,160	41,082,840
This year (8 months)	32,806,075	69,239,161	55,800,635	43,905,318	26,769,962	(3) 106,850,756	335,371,907
<u>Total Delivered out of System</u>							
This month August, 1957	3,703,037	9,022,696	6,838,265	5,018,879	3,366,442	(4) 13,300,527	41,249,846
This year (8 months)	32,827,842	69,085,442	55,719,244	43,440,542	26,630,413	(5) 106,713,082	334,416,565
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month August, 1957	119,453	-	-	-	105,678	232,981	458,112
This year (8 months)	135,094	-	-	-	108,896	232,041	476,031
<u>Trunk Lines</u>							
This month August, 1957	-	291,055	220,589	161,899	108,595	373,028	1,155,166
This year (8 months)	-	284,302	229,297	178,768	109,590	389,580	1,191,537
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month August, 1957	-	4,443	504	3,438	234	1,455	10,074
This year (8 months)	-	33,525	4,106	30,033	1,851	11,912	81,427
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month August, 1957	-	492.0	73.7	685.0	69.5	125.8	281.3
This year (8 months)	-	485.0	73.7	691.0	69.5	125.8	281.2
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,116,865	23,155,116
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,519,984	47,566,006
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees August, 1957</u>	177	441	57	<u>Number</u>	221	(6) 595	1,792
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month August, 1957	76,031	214,745	26,386	151,318	97,406	(6) 270,276	836,162
This year (8 months)	565,143	1,598,551	191,597	1,115,463	727,590	(6) 2,102,414	6,300,758
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month August, 1957	20,889	912	2,221	848	20,772	(6) 39,835	85,477
This year (8 months)	158,699	5,080	10,916	7,896	174,140	(6) 304,728	661,459

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,395,043 bbls. products and 42,141 bbls. natural gasoline.

(3) Includes 30,380,264 bbls. products and 382,063 bbls. natural gasoline.

(4) Includes 3,388,101 bbls. products and 44,382 bbls. natural gasoline.

(5) Includes 30,295,130 bbls. products and 383,828 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

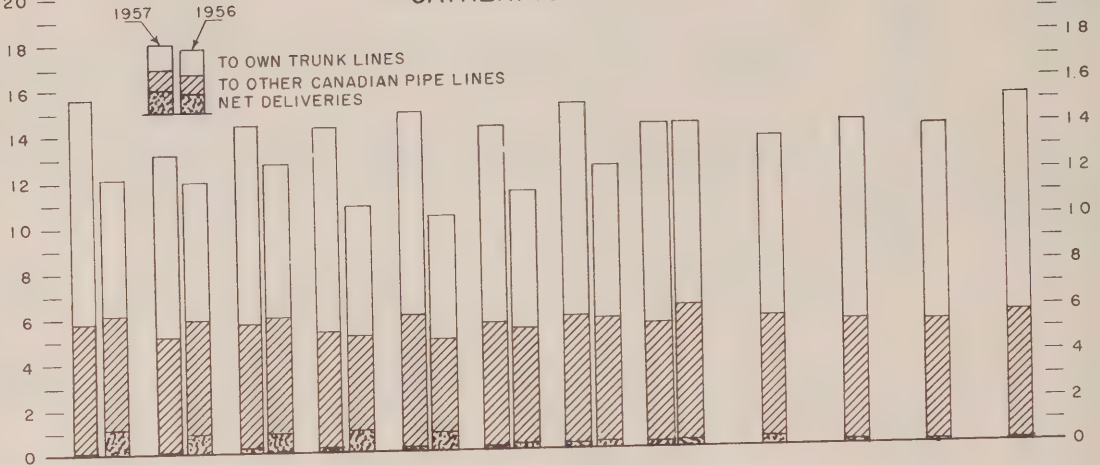
(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

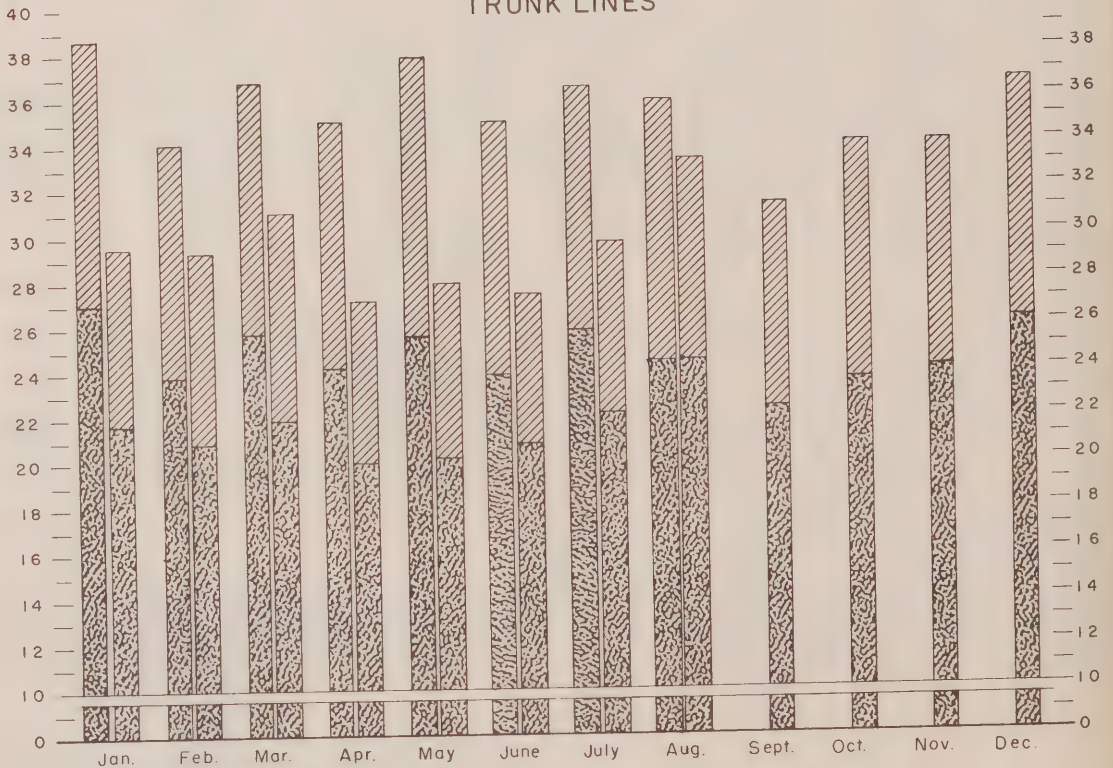
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— 20

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines Division (Home Oil Company, Limited)
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

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OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

01. 7, No. 9

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

SEPTEMBER, 1957

Net deliveries of oil from Canadian pipe lines fell off by almost 3 million barrels in September to a total of 21,617,304 from 24,607,743 barrels in the previous month. This compares with a decline of approximately 2 million barrels in 1956, when the September deliveries fell to 22,720,659 barrels from 24,769,675 in August. The September daily average of 720,577 barrels per day in the current year is 9.2 p.c. below the August 1957 average of 793,798 and 4.9 p.c. below the 757,355 barrels shown one year ago. Again all major companies reported a decrease. Barrel miles were down to 8,512 million from 10,074 million in the previous month, and the average length of haul fell to 268.4 miles from 281.3.

For the nine months ended September 30, total net deliveries amounted to 223,329,776 barrels as compared with 200,642,930 barrels in the same period last year, an increase of 1.3 p.c. Provincial deliveries for the period were as follows (1956 data in brackets): British Columbia 47,557,811 barrels (33,008,409); Alberta 10,312,539 barrels (14,487,824); Saskatchewan 13,415,527 barrels (12,547,209); Manitoba 57,528,849 barrels (52,589,754); Ontario 32,905,660 barrels (31,620,624); and Quebec 61,609,390 barrels (56,389,110). Exports via the pipe line are shown in a footnote to table 4.

Gathering systems handled a daily average of 425,364 barrels as compared with 458,112 barrels last month, and 456,589 barrels in September 1956. Trunk line deliveries dropped to a daily average of 1,057,120 barrels, a decrease of 8.5 p.c. from the average of 1,155,366 barrels for the previous month, but a slight increase over the average recorded in the same month last year.

Net receipts for the month of September totalled 22,604,390 barrels, down from 25,264,397 barrels registered in the previous month and 23,149,791 barrels one year ago. The receipts for September were comprised of 9,911,329 barrels of Alberta crude and 44,292 barrels of Alberta natural gasoline, 3,091,461 barrels of Saskatchewan crude, 520,784 barrels of Manitoba crude, 5,884,249 barrels of imported crude and 3,152,275 barrels of refinery products.

Operating revenues for the nine months ended September 30, increased 28.6 p.c. to a total of \$71,668,903 as compared with \$55,716,198 in the corresponding period last year.

Employment and wages showed a slight decrease from the previous month, with 1,739 employees earning \$820,379 as compared with 1,792 employees earning \$836,162. The average wage, however, rose to \$472 from \$467 in August, and compares with \$444 in September 1956.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

04-508-97

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first nine months of 1957, per table 6	372,293,325
Received into Trunk Lines from other Canadian Pipe Lines	141,600,210
"Net Received" into Canadian Pipe Line Systems	230,693,115
"Net Received" into Trunk Systems per table 1	102,280,801
"Net Received" into Gathering Systems per table 2	128,412,314
Total Delivered out of Systems - all companies - during first nine months of 1957, per table 6	370,927,190
Delivered to other Canadian Pipe Lines	147,597,414
"Net Delivered" from Canadian Pipe Line Systems	223,329,776
"Net Delivered" from Trunk Systems per table 1	221,617,766
"Net Delivered" from Gathering Systems per table 2	1,712,010

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September, and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to September 30, 1957	128,412,314
Received into Trunk Systems January 1 to September 30, 1957	322,647,490
	462,159,282
Total oil accountable for period	128,436,393
Delivered from Gathering Systems January 1 to September 30, 1957	321,257,276
Delivered from Trunk Systems January 1 to September 30, 1957	449,693,669
	12,465,613
Balance to be accounted for at September 30, 1957	499,047
Oil consumed as fuel and losses January 1 to September 30, 1957	11,966,566
Balance on hand - September 30, 1957	10,947,818
Total Shippers Balances - September 30, 1957	1,018,748
Total Carriers Balances - September 30, 1957	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson	Delivered at Sarnia
	Barrels	Barrels	Barrels
September, 1956	3,424,153		641,966
August, 1957	3,456,113		520,218
September, 1957	2,640,513	108,554	461,887

TABLE 1

OIL⁴ CARRIED BY PIPE LINES - TRUNK

	September 1957	August 1957	September 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	32,125,128	35,706,526	31,338,321	322,647,490
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,963,931	8,761,800	7,923,681	78,766,479
3. Other pipe lines - Gathering	5,504,580	4,736,930	3,610,252	42,126,996
4. Trunk	8,812,448	11,081,013	10,323,932	99,473,214
5. <u>Net Received (6+7+8)</u>	9,844,169	11,126,783	9,480,456	102,280,801
6. Originating on own trunk lines	3,507,711	3,767,174	3,682,241	36,810,010
7. Received from foreign pipe line connections	5,884,249	6,892,479	5,689,156	61,684,884
8. Received from other carriers (rail & truck)	452,209	467,130	109,059	3,785,907
9. <u>Total Delivered * (10+11)</u>	31,713,636	35,810,165	31,249,328	321,257,276
10. Less: Delivered to other Canadian trunk lines	10,346,482	11,465,090	8,913,202	99,639,510
11. <u>Net Delivered (12+13+14)</u>	21,367,154	24,345,075	22,336,126	221,617,766
12. Terminated on own trunk lines	13,989,872	15,836,368	14,038,069	143,334,224
13. Delivered to foreign pipe line connections	7,233,485	8,367,296	7,290,901	70,971,686
14. Delivered to other carriers (truck, rail & water)	143,797	141,411	1,007,156	7,311,856

TABLE 2

OIL⁴ CARRIED BY PIPE LINES - GATHERING

	September 1957	August 1957	September 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,760,221	14,138,114	13,669,335	128,412,314
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	12,760,221	14,138,114	13,669,335	128,412,314
18. Originating on own gathering system	12,523,208	14,003,896	12,951,143	126,158,344
19. Received from other carriers (rail & truck)	237,013	134,218	718,192	2,253,970
20. <u>Total Delivered * (21+22+23)</u>	12,760,920	14,201,481	13,697,695	128,436,393
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,963,931	8,761,800	7,923,681	78,766,479
22. Other pipe lines	4,546,839	5,177,013	5,389,481	47,957,904
23. <u>Net Delivered (24+25)</u>	250,150	262,668	384,533	1,712,010
24. Terminated on gathering systems	101,540	127,773	93,149	659,589
25. Delivered to other carriers (rail & truck)	148,610	134,895	291,384	1,052,421

⁴ Includes natural gasoline and refinery products.

* Includes duplications.

⁴ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		September 1957	August 1957	September 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,720,269	11,077,372	11,796,503	104,306,126
"	- Trunk	300,882	439,337	535,214	3,910,398
Saskatchewan	- Gathering	2,519,168	2,522,625	1,366,104	19,594,696
"	- Trunk	572,293	462,215	37,543	3,745,906
Manitoba	- Gathering	520,784	538,117	506,728	4,511,492
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,432,143	1,515,223	1,720,171	17,919,779
Quebec (3)	- Trunk	7,538,851	8,710,008	7,187,528	76,704,718
Net Received	- Gathering	12,760,221	14,138,114	13,669,335	128,412,314
"	- Trunk	9,844,169	11,126,783	9,480,456	102,280,801
"	- Total	22,604,390	25,264,897	23,149,791	230,693,115

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		September 1957	August 1957	September 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	4,117,269	5,018,879	4,720,600	47,557,811
Alberta (1)	- Gathering	147,281	165,977	260,919	1,045,450
"	- Trunk	1,049,658	1,103,534	1,149,365	9,267,089
Saskatchewan	- Gathering	102,869	96,691	123,614	666,560
"	- Trunk	1,313,624	1,529,391	1,449,030	12,748,967
Manitoba	- Trunk	5,911,768	6,524,086	6,213,659	57,528,849
Ontario (2)	- Trunk	3,084,689	3,330,920	3,172,248	32,905,660
Quebec	- Trunk	5,890,146	6,838,265	5,649,224	61,609,390
Net Delivered	- Gathering	250,150	262,668	384,533	1,712,010
"	- Trunk	21,367,154	24,345,075	22,336,126	221,617,766
"	- Total	21,617,304	24,607,743	22,720,659	223,329,776
"	- Daily Average	720,577	793,798	757,355	818,058
Includes deliveries to U.S. pipe lines, Gretna, Man.		5,009,116	5,699,179	5,431,948	49,667,394
Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		2,345,787 1,370,676	2,788,956 1,718,444	2,843,522 1,150,271	28,445,283 14,400,736

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		September 1957	August 1957	September 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	425,364	458,112	456,589	470,463
Trunk Lines	"	1,057,120	1,155,166	1,041,644	1,176,766
Total Barrel Miles (Trunk Lines)	Millions	8,512	10,074	9,694	89,939
Average Miles Per Barrel (Trunk Lines)	Miles	268.4	281.3	310.2	280.0
Employees and Earnings (6)					
Average Number (4)	No.	1,739	1,792	1,604	15,590
Total Salaries and Wages	\$	820,379	836,162	711,756	7,121,137
Man-Hours Worked by Wage Earners (5) (6)	Hours	79,211	85,477	74,992	740,670

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

TABLE 6
TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
September, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month September, 1957	3,148,715	8,133,106	5,884,249	4,264,076	3,146,929	(2) 12,344,343	36,921,418
This year (9 months)	35,954,790	77,372,267	61,684,884	48,169,394	29,916,891	(3) 119,195,099	372,293,325
<u>Total Delivered out of System</u>							
This month September, 1957	3,139,565	7,884,835	5,890,146	4,117,269	3,126,036	(4) 12,352,774	36,510,625
This year (9 months)	35,967,407	76,970,277	61,609,390	47,557,811	29,756,449	(5) 119,065,856	370,927,190
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month September, 1957	104,652	-	-	-	105,158	215,554	425,364
This year (9 months)	131,749	-	-	-	108,485	230,229	470,463
<u>Trunk Lines</u>							
This month September, 1957	-	262,826	196,338	137,242	104,201	356,513	1,057,120
This year (9 months)	-	281,942	225,675	174,204	108,998	385,947	1,176,766
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month September, 1957	-	3,703	433	2,826	217	1,333	8,512
This year (9 months)	-	37,228	4,539	32,859	2,068	13,245	89,939
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month September, 1957	-	470.0	73.6	686.0	69.5	124.6	268.4
This year (9 months)	-	484.0	73.7	691.0	69.5	125.7	280.0
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,164,417 x	23,202,668 x
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,623,898	47,669,920 x
Nine Months ending Sept. 30, 1957	2,829,541	18,068,116	2,132,131	22,547,917	4,001,169	(7) 22,090,029	71,668,903
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees September, 1957</u>	164	447	53	<u>Number</u>			
<u>Salaries and Wages</u>				282	212	(6) 581	1,739
				<u>Dollars</u>			
This month September, 1957	74,494	221,027	25,609	146,041	93,856	(6) 259,352	820,379
This year (9 months)	639,637	1,819,578	217,206	1,261,504	821,446	(6) 2,361,766	7,121,137
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month September, 1957	19,824	184	1,219	376	21,733	(6) 35,875	79,211
This year (9 months)	178,523	5,264	12,135	8,272	195,872	(6) 340,604	740,670

* Totals include duplication between companies.

1) See list of reporting companies on page 7.

2) Includes 3,152,275 bbls. products and 44,292 bbls. natural gasoline.

3) Includes 33,532,539 bbls. products and 426,355 bbls. natural gasoline.

4) Includes 3,146,794 bbls. products and 44,360 bbls. natural gasoline.

5) Includes 33,441,924 bbls. products and 428,188 bbls. natural gasoline.

6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

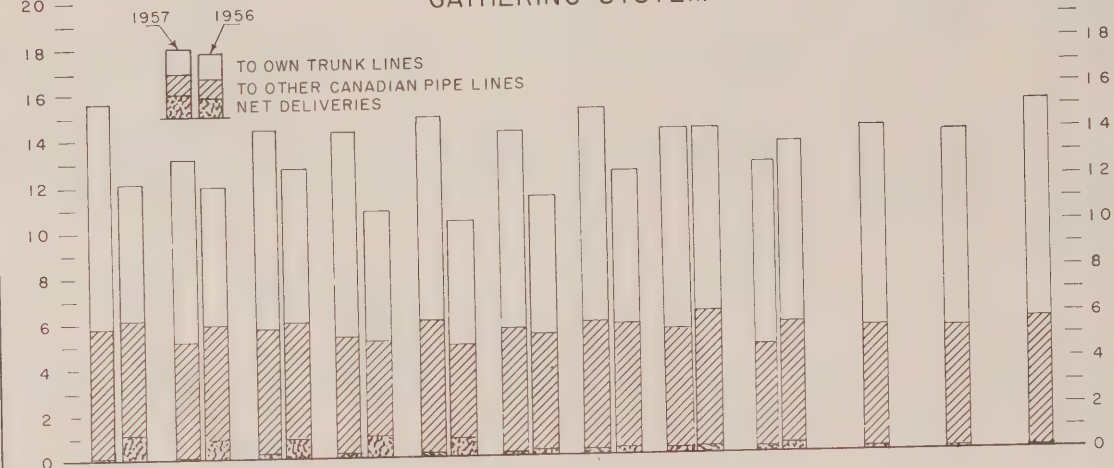
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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

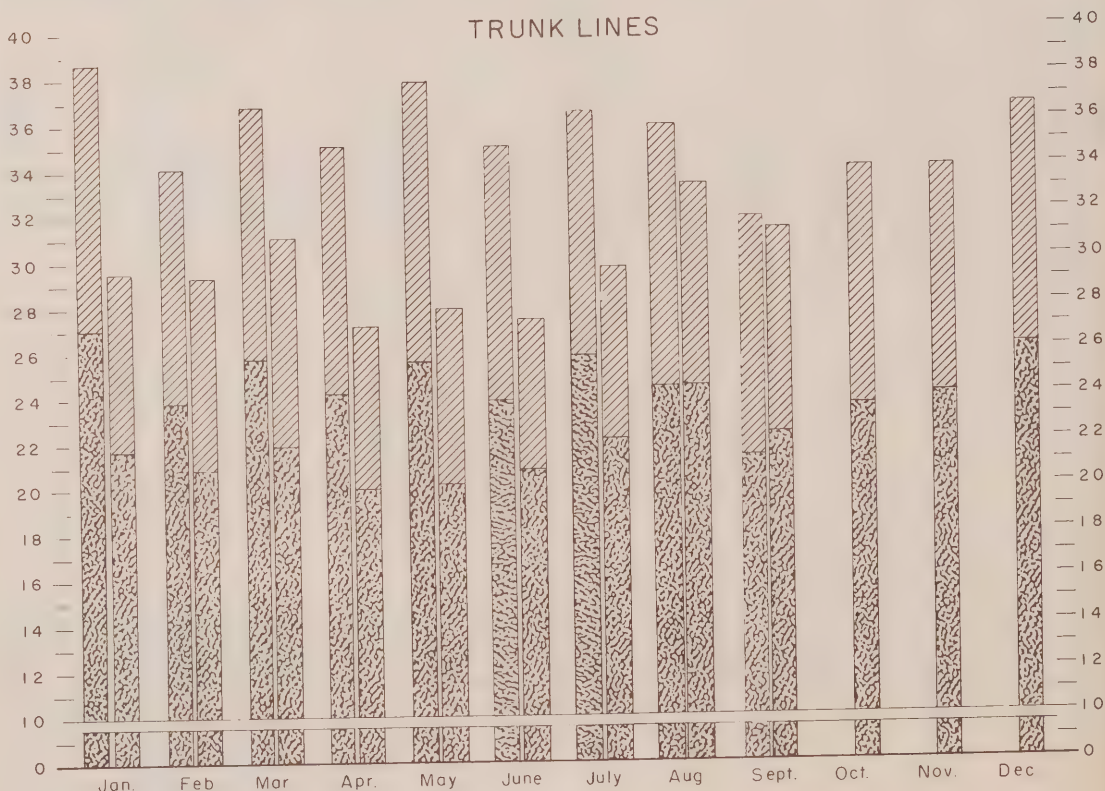
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines Division (Home Oil Company, Limited)
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 7, No. 10

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

OCTOBER, 1957

Net deliveries of oil from Canadian pipelines rose 5.2 p.c. in October to 22,735,509 barrels from 21,617,304 in the previous month but still fell short of last October's 23,801,494 barrels by 4.5 p.c. The October daily average delivery of 733,404 barrels represented a decline of 34,386 barrels from the 767,790 recorded one year ago. Barrel miles dropped to 8,631 million from 10,048 million reflecting as well as the decline in net deliveries a decrease in the average length of haul to 269.6 miles from 296.2.

Total net deliveries of oil for the ten months ended October 31, amounted to 246,065, - 85 barrels as compared with 224,462,470 barrels recorded one year earlier, an increase of 9.6 p.c. Provincial deliveries in barrels for the period were as follows (1956 data in brackets): British Columbia 50,910,458 (37,927,740); Alberta 11,306,371 (15,597,436); Saskatchewan 14,735,686 (13,824,038); Manitoba 64,304,836 (58,999,057); Ontario 36,170,624 (35,206,125); and Quebec 68,637,310 (62,908,074). Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled on average of 398,097 barrels per day, compared with 425,364 in September and 459,369 barrels in October, 1956. Trunk line deliveries dropped to 1,032, - 749 barrels daily from 1,057,120 last month and 1,094,474 one year earlier.

Net receipts during the month of October totalled 23,532,059 barrels, increasing from 22,604,390 barrels in September, but decreasing from 25,057,722 barrels one year ago. The receipts for October were comprised of 9,001,055 barrels of Alberta crude and 58,015 barrels of Alberta natural gasoline, 3,643,006 barrels of Saskatchewan crude, 499,453 barrels of Manitoba crude, 6,988,733 barrels of imported crude and 3,341,797 barrels of refinery products.

Employment and wages again showed a slight decrease from the previous month, with 1,733 employees earning \$813,359 as compared with 1,739 employees earning \$820,379. The average wage of \$469 compares with \$472 in September and \$475 in October one year ago.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-107

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first ten months of 1957, per table 6	408,944,283
Received into Trunk Lines from other Canadian Pipe Lines	154,719,109
"Net Received" into Canadian Pipe Line Systems	254,225,174
"Net Received" into Trunk Systems per table 1	113,417,517
"Net Received" into Gathering Systems per table 2	140,807,657
Total Delivered out of Systems - all companies -	
during first ten months of 1957, per table 6	407,522,224
Delivered to other Canadian Pipe Lines	161,456,939
"Net Delivered" from Canadian Pipe Line Systems	246,065,285
"Net Delivered" from Trunk Systems per table 1	244,148,335
"Net Delivered" from Gathering Systems per table 2	1,916,950

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for October, and are given herewith:

OIL BALANCE - ALL COMPANIES - OCTOBER, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to October 31, 1957	140,807,657
Received into Trunk Systems January 1 to October 31, 1957	354,664,335
	495,471,992
Total oil accountable for period	506,571,470
Delivered from Gathering Systems January 1 to October 31, 1957	140,777,411
Delivered from Trunk Systems January 1 to October 31, 1957	353,272,522
	494,049,933
Balance to be accounted for at October 31, 1957	12,521,537
Oil consumed as fuel and losses January 1 to October 31, 1957	549,766
Balance on hand - October 31, 1957	11,971,771
Total Shippers Balances - October 31, 1957	10,909,347
Total Carriers Balances - October 31, 1957	1,062,424

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at Sarnia		Crude and Refined Oil Delivered at Sarnia
	Barrels	Clarkson and Port Credit Barrels	Barrels
October, 1956	3,200,226	-	533,574
September, 1957	2,640,513	108,554	461,887
October, 1957	2,877,554	637,649	483,024

TABLE 1

OIL[‡] CARRIED BY PIPE LINES - TRUNK

	October 1957	September 1957	October 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	32,016,845	32,125,128	34,236,094	354,664,335
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,761,230	7,963,931	8,694,665	86,527,709
3. Other pipe lines - Gathering	4,804,252	5,504,580	3,916,684	46,931,248
4. Trunk	8,314,647	8,812,448	10,872,063	107,787,861
5. <u>Net Received (6+7+8)</u>	11,136,716	9,844,169	10,752,682	113,417,517
6. Originating on own trunk lines	3,714,854	3,507,711	4,058,913	40,524,864
7. Received from foreign pipe line connections	6,988,733	5,884,249	6,519,479	68,673,617
8. Received from other carriers (rail & truck)	433,129	452,209	174,290	4,219,036
9. <u>Total Delivered * (10+11)</u>	32,015,246	31,713,636	33,928,708	353,272,522
10. Less: Delivered to other Canadian trunk lines	9,484,677	10,346,482	10,347,091	109,124,187
11. <u>Net Delivered (12+13+14)</u>	22,530,569	21,367,154	23,581,617	244,148,335
12. Terminated on own trunk lines	14,053,881	13,989,872	15,175,151	157,388,105
13. Delivered to foreign pipe line connections	8,452,569	7,233,485	7,832,108	79,424,255
14. Delivered to other carriers (truck, rail & water)	24,119	143,797	574,358	7,335,975

TABLE 2

OIL[‡] CARRIED BY PIPE LINES - GATHERING

	October 1957	September 1957	October 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,395,343	12,760,221	14,305,040	140,807,657
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	12,395,343	12,760,221	14,305,040	140,807,657
18. Originating on own gathering system	12,138,900	12,523,208	13,550,917	138,297,244
19. Received from other carriers (rail & truck)	256,443	237,013	754,123	2,510,413
20. <u>Total Delivered * (21+22+23)</u>	12,341,018	12,760,920	14,240,450	140,777,411
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,761,230	7,963,931	8,694,665	86,527,709
22. Other pipe lines	4,374,848	4,546,839	5,325,908	52,332,752
23. <u>Net Delivered (24+25)</u>	204,940	250,150	219,877	1,916,950
24. Terminated on gathering systems	86,007	101,540	112,849	745,596
25. Delivered to other carriers (rail & truck)	118,933	148,610	107,028	1,171,354

‡ Includes natural gasoline and refinery products.

* Includes duplications.

‡ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		October 1957	September 1957	October 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,001,312	9,720,269	11,942,103	113,307,438
"	- Trunk	128,082	300,882	634,353	4,038,480
Saskatchewan	- Gathering	2,894,578	2,519,168	1,835,328	22,489,274
"	- Trunk	748,428	572,293	23,304	4,494,334
Manitoba	- Gathering	499,453	520,784	527,609	5,010,945
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,898,771	1,432,143	2,040,251	19,818,550
Quebec (3)	- Trunk	8,361,435	7,538,851	8,054,774	85,066,153
Net Received	- Gathering	12,395,343	12,760,221	14,305,040	140,807,657
"	- Trunk	11,136,716	9,844,169	10,752,682	113,417,517
"	- Total	23,532,059	22,604,390	25,057,722	254,225,174

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		October 1957	September 1957	October 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,352,647	4,117,269	4,919,331	50,910,458
Alberta (1)	- Gathering	127,217	147,281	191,952	1,172,667
"	- Trunk	866,615	1,049,658	899,614	10,133,704
Saskatchewan	- Gathering	77,723	102,869	27,925	744,283
"	- Trunk	1,242,436	1,313,624	1,248,904	13,991,403
Manitoba	- Trunk	6,775,987	5,911,768	6,409,303	64,304,836
Ontario (2)	- Trunk	3,264,964	3,084,689	3,585,501	36,170,624
Quebec	- Trunk	7,027,920	5,890,146	6,518,964	68,637,310
Net Delivered	- Gathering	204,940	250,150	219,877	1,916,950
"	- Trunk	22,530,569	21,367,154	23,581,617	244,148,335
"	- Total	22,735,509	21,617,304	23,801,494	246,065,285
"	- Daily average	733,404	720,577	767,790	809,425
Includes deliveries to U.S. pipe lines, Grtna, Man.		6,338,639	5,009,116	5,555,524	56,006,033
Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		2,113,930 1,595,304	2,345,787 1,370,676	2,843,522 1,150,271	30,559,213 15,996,040

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		October 1957	September 1957	October 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	398,097	425,364	459,369	463,083
Trunk Lines	"	1,032,749	1,057,120	1,094,474	1,162,081
Total Barrel Miles (Trunk Lines)	Millions	8,631	8,512	10,048	98,570
Average Miles Per Barrel (Trunk Lines)	Miles	269.6	268.4	296.2	279.0
Employees and Earnings (6)					
Average Number (4)	No.	1,733	1,739	1,575	17,323
Total Salaries and Wages	\$	813,359	820,379	747,474	7,934,496
Man-Hours Worked by Wage Earners (5) (6)	Hours	78,914	79,211	78,755	819,584

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

October, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month October, 1957	2,843,740	8,252,218	6,988,733	3,266,551	2,963,040	(2) 12,336,676	36,650,958
This year (10 months)	38,798,530	85,624,485	68,673,617	51,435,945	32,879,931	(3) 131,531,775	408,944,283
<u>Total Delivered out of System</u>							
This month October, 1957	2,798,081	8,193,305	7,027,920	3,352,647	3,074,956	(4) 12,148,125	36,595,034
This year (10 months)	38,765,488	85,163,582	68,637,310	50,910,458	32,831,405	(5) 131,213,981	407,522,224
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month October, 1957	90,260	-	-	-	95,044	212,793	398,097
This year (10 months)	127,518	-	-	-	107,114	228,451	463,083
<u>Trunk Lines</u>							
This month October, 1957	-	264,300	226,707	108,150	99,192	334,400	1,032,749
This year (10 months)	-	280,143	225,781	167,469	107,998	380,690	1,162,081
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month October, 1957	-	4,358	518	2,281	214	1,260	8,631
This year (10 months)	-	41,586	5,057	35,140	2,282	14,505	98,570
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month October, 1957	-	532.0	73.7	680.0	69.5	121.6	269.6
This year (10 months)	-	488.0	73.7	690.0	69.5	125.3	279.0
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,164,417	23,202,668
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,623,898	47,669,920
Nine Months ending Sept. 30, 1957	2,829,541	18,068,116	2,132,131	22,547,917	4,001,169	22,090,029	71,668,903
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees October, 1957</u>	165	442	49	<u>Number</u>	206	(6) 592	1,733
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month October, 1957	72,320	213,103	25,199	137,251	94,721	(6) 270,765	813,359
This year (10 months)	711,957	2,032,681	242,405	1,398,755	916,167	(6) 2,632,531	7,934,496
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month October, 1957	18,610	367	529	304	21,305	(6) 37,799	78,914
This year (10 months)	197,133	5,632	12,664	8,576	217,177	(6) 378,402	819,584

* Totals include duplication between companies.

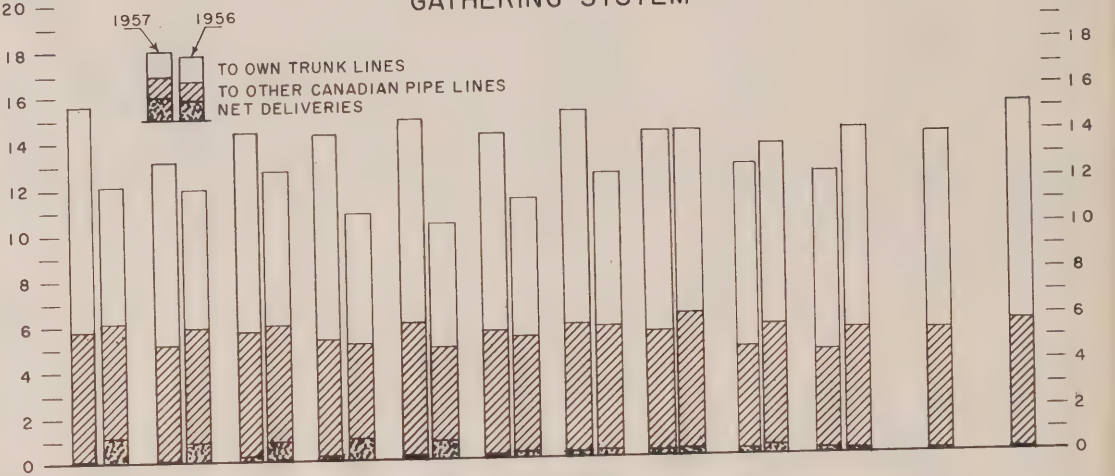
- (1) See list of reporting companies on page 7.
- (2) Includes 3,341,797 bbls. products and 58,015 bbls. natural gasoline.
- (3) Includes 36,874,336 bbls. products and 484,370 bbls. natural gasoline.
- (4) Includes 3,334,183 bbls. products and 54,725 bbls. natural gasoline.
- (5) Includes 36,776,107 bbls. products and 482,913 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company, Ltd.
- (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

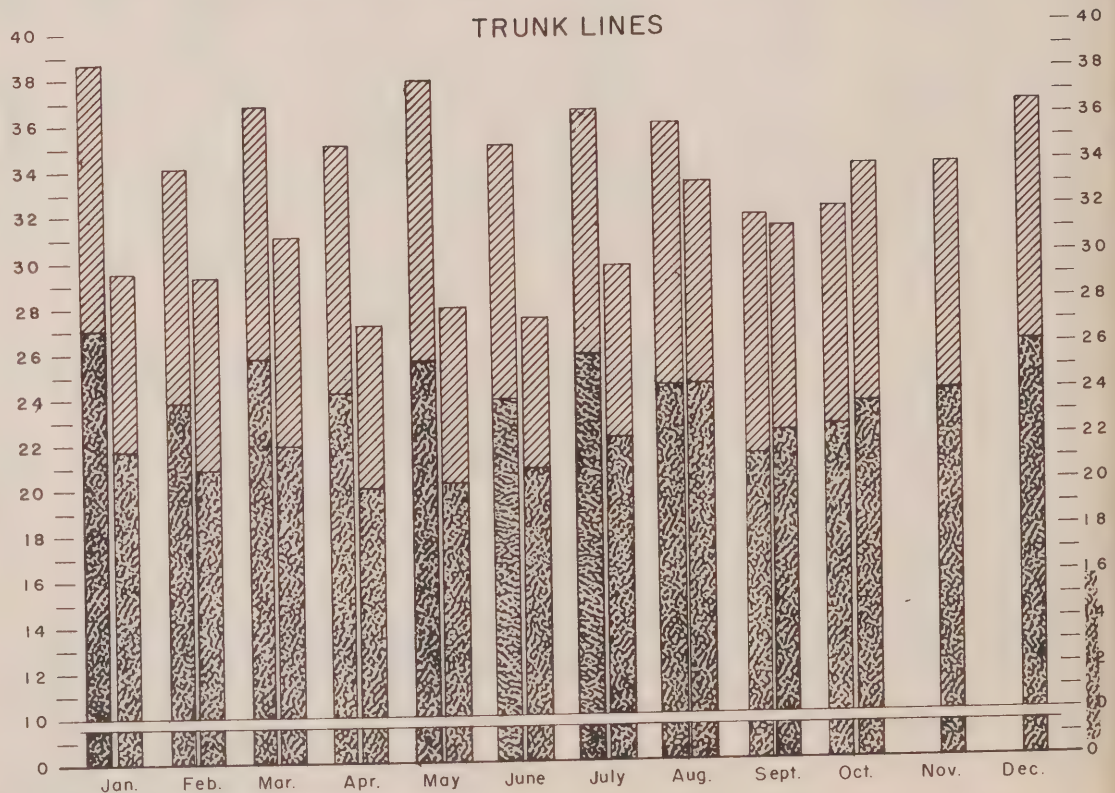
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BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines Division (Home Oil Company, Limited)
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

L. 7, No. 11

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

NOVEMBER, 1957

With all major companies showing decreases, net deliveries of oil from Canadian pipe lines dropped to the lowest monthly level in two years, at 20,884,697 barrels some 13.9 p.c. below the November 1956 total of 24,251,985 barrels and 8.1 p.c. below last month's 22,735,509 barrels. As compared with November 1956, barrel miles were down to 6,745 million from 9,933 and the average length of haul to 232.4 miles from 292.3. The November 1957 average length of haul was the lowest recorded since December 1952. Average daily net deliveries of 696,157 barrels compare with 808,400* in the same month a year ago and 733,404 in October this year. Factors contributing to the general decline in deliveries in recent months include a strike at one refinery, increased deliveries by tankers following reductions in rates and decreased exports.

For the eleven months ended November 30, net deliveries recorded an increase of 3 p.c. rising to a total of 266,949,982 barrels from 248,696,409 in the same period last year. Provincial deliveries for the period, in barrels, were as follows (1956 data in brackets): British Columbia, 53,311,921 (42,358,109); Alberta, 12,649,065 (16,754,697); Saskatchewan, 16,211,547 (15,249,771); Manitoba, 69,860,132 (66,015,603); Ontario, 1,033,590 (38,726,998); and Quebec, 74,883,727 (69,591,231). Exports via pipe line are shown in a footnote to table 4.

Net receipts during the month of November totalled 21,672,965 barrels, a decrease of 1,859,094 barrels, or 7.9 p.c., from the previous month, and down 3,217,194 barrels, or 9 p.c., from the 24,890,159 barrels reported one year ago. November receipts were composed of 7,821,212 barrels of Alberta crude and 50,388 barrels of Alberta natural gasoline, 1,78,615 barrels of Saskatchewan crude, 442,457 barrels of Manitoba crude, 6,272,454 barrels of imported crude and 3,907,839 barrels of refinery products.

Gathering systems handled a daily average of 361,533 barrels as compared with 3,097 barrels last month, and 469,279 in November 1956. Trunk line deliveries declined 1,967,402 barrels daily from 1,032,749 in the previous month, and 1,132,813 in the same month last year.

Although employment and wages registered a slight drop from the previous month, figures showed increases when compared with November 1956. The number of employees rose to 1,666 from 1,595 and salaries and wages to \$788,166 from \$716,244. The average wage was up 5.3 p.c. to \$473 from \$449.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

04-508-11

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	442,099,313
during first eleven months of 1957, per table 6	162,201,174
Received into Trunk Lines from other Canadian Pipe Lines	275,898,139
"Net Received" into Canadian Pipe Line Systems	124,256,127
"Net Received" into Trunk Systems per table 1	151,642,012
"Net Received" into Gathering Systems per table 2	
Total Delivered out of Systems - all companies -	440,447,677
during first eleven months of 1957, per table 6	173,497,695
Delivered to other Canadian Pipe Lines	266,949,982
"Net Delivered" from Canadian Pipe Line Systems	264,877,539
"Net Delivered" from Trunk Systems per table 1	2,072,443
"Net Delivered" from Gathering Systems per table 2	

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for November, and are given herewith:

OIL BALANCE - ALL COMPANIES - NOVEMBER, 1957

	Barrels
Total Shippers Balances - January 1, 1957	10,368,770
Total Carriers Balances - January 1, 1957	730,708
Received into Gathering Systems January 1 to November 30, 1957	151,642,012
Received into Trunk Systems January 1 to November 30, 1957	383,927,588
	535,569,600
Total oil accountable for period	546,669,078
Delivered from Gathering Systems January 1 to November 30, 1957	151,623,401
Delivered from Trunk Systems January 1 to November 30, 1957	382,294,563
	533,917,964
Balance to be accounted for at November 30, 1957	12,751,114
Oil consumed as fuel and losses January 1 to November 30, 1957	574,251
Balance on hand - November 30, 1957	12,176,863
Total Shippers Balances - November 30, 1957	11,169,339
Total Carriers Balances - November 30, 1957	1,007,524

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
November, 1956	3,903,984	-	367,500
October, 1957	2,640,513	108,554	461,887
November, 1957	2,262,663	1,007,699	609,819

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	November 1957	October 1957	November 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	29,263,253	32,016,845	33,752,444	383,927,588
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	6,942,578	7,761,230	8,622,904	93,470,287
3. Other pipe lines - Gathering	4,610,714	4,804,252	3,976,273	51,541,962
4. Trunk	6,871,351	8,314,647	10,333,808	114,659,212
5. <u>Net Received (6+7+8)</u>	10,838,610	11,136,716	10,819,459	124,256,127
6. Originating on own trunk lines	4,256,830	3,714,854	3,976,859	44,781,694
7. Received from foreign pipe line connections	6,272,454	6,988,733	6,642,278	74,946,071
8. Received from other carriers (rail & truck)	309,326	433,129	200,322	4,528,362
9. <u>Total Delivered * (10+11)</u>	29,022,041	32,015,246	33,984,396	382,294,563
10. Less: Delivered to other Canadian trunk lines	8,292,837	9,484,677	9,928,671	117,417,024
11. <u>Net Delivered (12+13+14)</u>	20,729,204	22,530,569	24,055,725	264,877,539
12. Terminated on own trunk lines	14,209,671	14,053,881	14,895,866	171,597,776
13. Delivered to foreign pipe line connections	6,495,575	8,452,569	8,375,430	85,919,830
14. Delivered to other carriers (truck, rail & water)	23,958	24,119	784,429	7,359,933

TABLE 2

OIL[‡] CARRIED BY PIPE LINES - GATHERING

	November 1957	October 1957	^x November 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,834,355	12,395,343	14,070,700	151,642,012
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,834,355	12,395,343	14,070,700	151,642,012
18. Originating on own gathering system	10,623,840	12,138,900	13,425,207	148,921,084
19. Received from other carriers (rail & truck)	210,515	256,443	645,493	2,720,928
20. <u>Total Delivered * (21+22+23)</u>	10,845,990	12,341,018	14,078,393	151,623,401
Less: Delivered to other pipe lines -				
21. Own Trunk system	6,942,578	7,761,230	8,622,904	93,470,287
22. Other pipe lines	3,747,919	4,374,848	5,259,229	56,080,671
23. <u>Net Delivered (24+25)</u>	155,493	204,940	196,260	2,072,443
24. Terminated on gathering systems	44,911	86,007	111,933	790,507
25. Delivered to other carriers (rail & truck)	110,582	118,933	84,327	1,281,936

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[‡] Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		November 1957	October 1957	* November 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,764,458	9,001,312	11,669,621	121,071,896
"	- Trunk	176,357	128,082	666,671	4,214,837
Saskatchewan	- Gathering	2,627,440	2,894,578	1,917,885	25,116,714
"	- Trunk	551,175	748,428	6,009	5,045,509
Manitoba	- Gathering	442,457	499,453	483,194	5,453,402
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,069,304	1,898,771	1,909,396	21,887,854
Quebec (3)	- Trunk	8,041,774	8,361,435	8,237,383	93,107,927
Net Received	- Gathering	10,834,355	12,395,343	14,070,700	151,642,012
"	" - Trunk	10,838,610	11,136,716	10,819,459	124,256,127
"	" - Total	21,672,965	23,532,059	24,890,159	275,908,139

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		November 1957	October 1957	November 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,401,463	3,352,647	4,430,369	53,311,921
Alberta (1)	- Gathering	79,180	127,217	173,517	1,251,847
"	- Trunk	1,263,514	866,615	1,001,790	11,397,218
Saskatchewan	- Gathering	76,313	77,723	22,743	820,596
"	- Trunk	1,399,548	1,242,436	1,402,990	15,390,951
Manitoba	- Trunk	5,555,296	6,775,987	7,016,546	69,860,132
Ontario (2)	- Trunk	3,862,966	3,264,964	3,520,873	40,033,590
Quebec	- Trunk	6,246,417	7,027,920	6,683,157	74,883,727
Net Delivered	- Gathering	155,493	204,940	196,260	2,072,443
"	" - Trunk	20,729,204	22,530,569	24,055,725	264,877,539
"	" - Total	20,884,697	22,735,509	24,251,985	266,949,982
"	" - Daily average	696,157	733,404	808,400*	799,251
* Includes deliveries to U.S. pipe lines, Gretna, Man.		4,846,920	6,338,639	6,113,241	60,852,953
† Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		1,648,655 1,553,387	2,113,930 1,595,304	3,018,105 1,725,455	32,207,868 18,549,427

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		November 1957	October 1957	November 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	361,533	398,097	469,279	453,962
Trunk Lines	"	967,402	1,032,749	1,132,813	1,144,595
Total Barrel Miles (Trunk Lines)	Millions	6,745	8,631	9,933	105,315
Average Miles Per Barrel (Trunk Lines)	Miles	232.4	269.6	292.3	275.5
Employees and Earnings (6)					
Average Number (4)	No.	1,666	1,733	1,595	18,989
Total Salaries and Wages	\$	788,166	813,359	716,244	8,722,662
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,435	78,914	75,938	891,019

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

November, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month November, 1957	2,379,101	7,068,064	6,272,454	2,542,420	2,570,752	(2) 12,322,239	33,155,030
This year (11 months)	41,177,631	92,692,549	74,946,071	53,978,365	35,450,683	(3) 143,854,014	442,099,313
<u>Total Delivered out of System</u>							
This month November, 1957	2,391,995	7,002,629	6,246,417	2,401,463	2,541,020	(4) 12,341,929	32,925,453
This year (11 months)	41,157,483	92,166,211	74,883,727	53,311,921	35,372,425	(5) 143,555,910	440,447,677
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month November, 1957	79,733	-	-	-	85,140	196,660	361,533
This year (11 months)	123,226	-	-	-	105,140	225,596	453,962
<u>Trunk Lines</u>							
This month November, 1957	-	233,421	208,214	80,049	84,701	361,017	967,402
This year (11 months)	-	275,947	224,203	159,617	105,905	378,923	1,144,595
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month November, 1957	-	3,121	461	1,623	177	1,363	6,745
This year (11 months)	-	44,707	5,518	36,763	2,458	15,869	105,315
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month November, 1957	-	446.0	73.8	676.0	69.5	125.8	232.4
This year (11 months)	-	485.0	73.7	690.0	69.5	125.4	275.5
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,164,417	23,202,668
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,623,898	47,669,920
Nine Months ending Sept. 30, 1957	2,829,541	18,068,116	2,132,131	22,547,917	4,001,169	(7) 22,091,029*	71,669,903*
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees, November 1957	159	421	50	273	176	(6) 587	1,666
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month November, 1957	71,213	209,599	25,004	133,590	80,243	(6) 268,517	788,166
This year (11 months)	783,170	2,242,280	267,406	1,532,345	996,410	(6) 2,901,048	8,722,662
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month November, 1957	19,177	17	573	384	16,718	(6) 34,566	71,435
This year (11 months)	216,310	5,649	13,237	8,960	233,895	(6) 412,968	891,019

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,907,839 bbls. products and 50,388 bbls. natural gasoline.

(3) Includes 40,782,175 bbls. products and 534,758 bbls. natural gasoline.

(4) Includes 3,930,752 bbls. products and 51,295 bbls. natural gasoline.

(5) Includes 40,706,859 bbls. products and 534,208 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company, Ltd.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

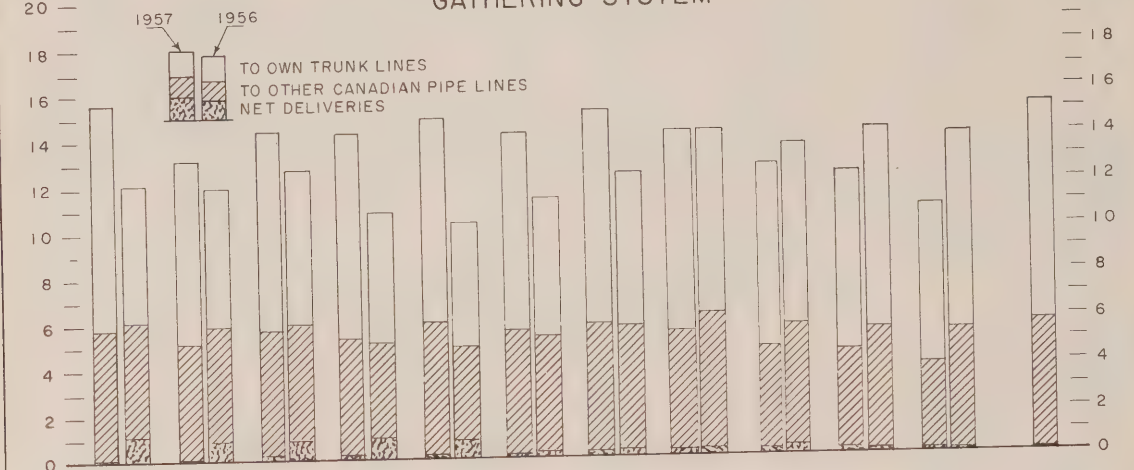
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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

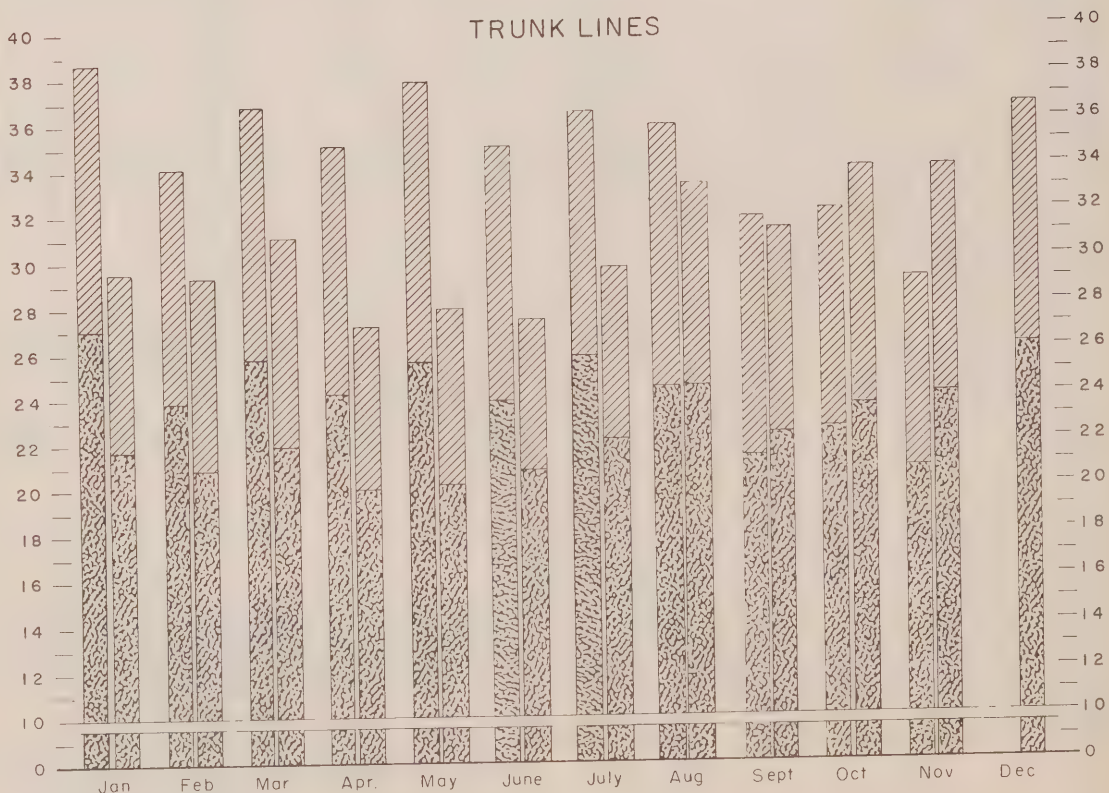
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines Division (Home Oil Company, Limited)
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

7, No. 12

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

DECEMBER, 1957

Although net deliveries of oil from Canadian pipe lines rose 14.5 p.c. in December to 207,630 barrels from 20,884,697 in the previous month, a decrease of 8.9 p.c. was recorded in the 26,243,931 barrels reported one year ago. The average delivery of 771,214 barrels per day in December compares with 696,157 barrels in November and 846,578 in December 1956. Barrelage at 8,342 million were up by 1,597 million over the previous month but down by 2,472 million from December 1956. The average length of haul fell to 246.4 miles from 294.7 in the previous December.

Despite the lower levels prevailing in the last five months of the year, total net deliveries for the twelve months ended December 31, increased 5.8 p.c. to 290,857,612 barrels from 274,940,340 in the previous year. Provincial deliveries in barrels for the year were as follows (1956 data in brackets): British Columbia 56,535,164 (47,251,641); Alberta 13,570,320 (830,462); Saskatchewan 17,691,698 (16,732,869); Manitoba 77,441,741 (73,344,246); Ontario, 89,759 (43,022,682); and Quebec 81,428,930 (76,758,440). Exports via pipe line were up by 5 p.c., rising to 54,878,720 barrels from 42,309,090 in 1956.

Refinery products delivered during the year rose to 44,928,730 barrels, an increase of 10 p.c. above the 1956 total of 43,946,719 barrels. Of this total, refined gasoline accounted for 25,078,012 barrels (23,779,088); distillate fuels for 15,951,297 barrels (16,330,619); and refined oil and other products for 3,899,421 barrels (3,837,012).

Net receipts during the month of December increased by 8.2 p.c., totalling 23,448,570 barrels, as compared with 21,672,965 barrels in November, but decreased by 14.3 p.c. from the previous year's total of 27,359,005 barrels. The month's receipts were comprised of 8,663,560 barrels of Alberta crude and 50,496 barrels of Alberta natural gasoline, 3,475,621 barrels of Saskatchewan crude, 532,542 barrels of Manitoba crude, 6,493,619 barrels of imported crude and 2,732 barrels of refinery products.

Compared with 1956, the average number of employees increased 14.8 p.c. to 1,721 from 1,499, and salaries rose 20.3 p.c. to \$9,541,372 from \$7,929,889. Earnings for the year averaged \$4,618 as against \$4,407 in the previous year, an increase of 4.8 p.c.

Operating revenues for the last quarter of 1957 dropped to \$20,511,465, as compared with \$20,357 in 1956, a decrease of \$2,088,892 or 9.2 p.c. For the twelve months, however, operating revenues were up by 17.6 p.c., rising to \$92,123,185 in 1957 from \$78,316,555 in the previous year.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other available sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

508-127

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during twelve months of 1957, per table 6	479,365,242
Received into Trunk Lines from other Canadian Pipe Lines	180,018,533
"Net Received" into Canadian Pipe Line Systems	299,346,709
"Net Received" into Trunk Systems per table 1	135,700,065
"Net Received" into Gathering Systems per table 2	163,646,644
Total Delivered out of Systems - all companies -	
during twelve months of 1957, per table 6	478,640,398
Delivered to other Canadian Pipe Lines	187,782,786
"Net Delivered" from Canadian Pipe Line Systems	290,857,612
"Net Delivered" from Trunk Systems per table 1	288,635,631
"Net Delivered" from Gathering Systems per table 2	2,221,981

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for December and are given herewith:

OIL BALANCE - ALL COMPANIES - December, 1957

	Barrels	
Total Shippers Balances - January 1, 1957	10,368,770	
Total Carriers Balances - January 1, 1957	730,708	11,099,478
Received into Gathering Systems January 1 to December 31, 1957	163,646,644	
Received into Trunk Systems January 1 to December 31, 1957	416,898,490	580,545,134
Total oil accountable for period		591,644,612
Delivered from Gathering Systems January 1 to December 31, 1957	163,666,927	
Delivered from Trunk Systems January 1 to December 31, 1957	416,153,363	579,820,290
Balance to be accounted for at December 31, 1957		11,824,322
Oil consumed as fuel and losses January 1 to December 31, 1957 ...		613,793
Balance on hand - December 31, 1957		11,210,529
Total Shippers Balances - December 31, 1957	10,141,516	
Total Carriers Balances - December 31, 1957	1,069,013	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Grenna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
December, 1956	4,234,146	-	543,950
November, 1957	2,262,663	1,007,699	609,819
December, 1957	3,016,315	1,785,514	623,220

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	December 1957	November 1957	December 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	32,970,902	29,263,253	36,946,806	416,898,490
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,709,605	6,942,578	9,468,214	101,179,892
3. Other pipe lines - Gathering	4,813,891	4,610,714	4,165,564	56,355,853
4. Trunk	9,003,468	6,871,351	11,202,923	123,662,680
5. Net Received (6+7+8)	11,443,938	10,838,610	12,110,105	135,700,065
6. Originating on own trunk lines	4,598,556	4,256,830	4,808,817	49,380,250
7. Received from foreign pipe line connections	6,493,619	6,272,454	7,184,151	81,439,690
8. Received from other carriers (rail & truck)	351,763	309,326	117,137	4,880,125
9. Total Delivered * (10+11)	33,858,800	29,022,041	36,699,599	416,153,363
10. Less: Delivered to other Canadian trunk lines	10,100,708	8,292,837	10,591,526	127,517,732
11. Net Delivered (12+13+14)	23,758,092	20,729,204	26,108,073	288,635,631
12. Terminated on own trunk lines	15,072,235	14,209,671	16,451,089	186,670,011
13. Delivered to foreign pipe line connections	8,663,063	6,495,575	8,555,781	94,582,893
14. Delivered to other carriers (truck, rail & water)	22,794	23,958	1,101,203	7,382,727

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	December 1957	November 1957	December 1956	YEAR TO DATE 1957
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	12,004,632	10,834,355	15,248,900	163,646,644
16. Less: Received from other gathering systems	-	-	-	-
17. Net Received (18+19)	12,004,632	10,834,355	15,248,900	163,646,644
18. Originating on own gathering system	11,826,388	10,623,840	14,689,275	160,747,472
19. Received from other carriers (rail & truck)	178,244	210,515	559,625	2,899,172
20. Total Delivered * (21+22+23)	12,043,526	10,845,990	15,244,189	163,666,927
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,709,605	6,942,578	9,468,214	101,179,892
22. Other pipe lines	4,184,383	3,747,919	5,640,117	60,265,054
23. Net Delivered (24+25)	149,538	155,493	135,858	2,221,981
24. Terminated on gathering systems	50,168	44,911	74,300	840,675
25. Delivered to other carriers (rail & truck)	99,370	110,582	61,558	1,381,306

¹ Includes natural gasoline and refinery products.

* Includes duplications.

¹ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		December 1957	November* 1957	December 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,322,041	7,764,458	12,688,966	129,393,937
"	- Trunk	457,930	447,640	580,176	6,207,560
Saskatchewan	- Gathering	3,150,049	2,575,279	2,065,779	28,214,592
"	- Trunk	325,572	279,892	5,074	3,836,288
Manitoba	- Gathering	532,542	494,628	494,155	6,038,115
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,557,027	2,069,304	2,585,593	24,444,881
Quebec (3)	- Trunk	8,103,409	8,041,774	8,939,262	101,211,336
Net Received	- Gathering	12,004,632	10,834,355	15,248,900	163,646,644
" "	- Trunk	11,443,938	10,838,610	12,110,105	135,700,065
" "	- Total	23,448,570	21,672,965	27,359,005	299,346,709

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		December 1957	November 1957	December 1956	YEAR TO DATE 1957
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,223,243	2,401,463	4,893,532	56,535,164
Alberta (1)	- Gathering	92,434	79,180	111,120	1,344,281
"	- Trunk	828,821	1,263,514	964,645	12,226,039
Saskatchewan	- Gathering	57,104	76,313	24,738	877,700
"	- Trunk	1,423,047	1,399,548	1,458,360	16,813,998
Manitoba ^δ	- Trunk	7,581,609	5,555,296	7,328,643	77,441,741
Ontario (2)	- Trunk	4,156,169	3,862,966	4,295,684	44,189,759
Quebec	- Trunk	6,545,203	6,246,417	7,167,209	81,428,930
Net Delivered	- Gathering	149,538	155,493	135,858	2,221,981
" "	- Trunk [†]	23,758,092	20,729,204	26,108,073	288,635,631
" "	- Total	23,907,630	20,884,697	26,243,931	290,857,612
" "	- Daily Average	771,214	696,157	846,578	796,870
^δ	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,636,031	4,846,920	6,409,642	67,488,984
[†]	Includes exports - via Trans Mountain Oil Pipe Line Company	2,027,032	1,648,655	3,221,582	34,234,900
	via Interprovincial Pipe Line Company	2,094,393	1,553,387	1,914,497	20,643,820

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		December 1957	November 1957	December* 1956	YEAR TO DATE 1957
Barrels Handled - Daily Average					
Gathering Systems	Barrels	388,501	361,533	491,748	448,401
Trunk Lines	"	1,092,219	967,401	1,183,858	1,140,146
Total Barrel Miles (Trunk Lines)	Millions	8,342	6,745	10,814	113,656
Average Miles Per Barrel (Trunk Lines)	Miles	246.4	232.4	294.7	273.1
Employees and Earnings (6)					
Average Number (4)	No.	1,671	1,666	1,600	1,721
Total Salaries and Wages	\$	818,710	788,166	752,844	9,541,372
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,283	71,435	80,418	962,302

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

* Revised.

TABLE 6 **TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES**

December, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month December, 1957	2,592,596	8,778,111	6,493,619	2,711,343	2,653,872	(2) 14,036,388	37,265,929
This year (12 months)	43,770,227	101,470,660	81,439,690	56,689,708	38,104,555	(3) 157,890,402	479,365,242
<u>Total Delivered out of System</u>							
This month December, 1957	2,635,506	9,073,348	6,545,203	3,223,243	2,673,329	(4) 14,042,092	38,192,721
This year (12 months)	43,792,989	101,239,559	81,428,930	56,535,164	38,045,754	(5) 157,598,002	478,640,398
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month December, 1957	85,016	-	-	-	85,129	218,356	388,501
This year (12 months)	119,980	-	-	-	103,441	224,980	448,401
<u>Trunk Lines</u>							
This month December, 1957	-	292,689	211,135	103,976	86,236	398,183	1,092,219
This year (12 months)	-	277,371	223,093	154,891	104,235	380,556	1,140,146
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month December, 1957	-	4,014	483	2,192	186	1,467	8,342
This year (12 months)	-	48,721	6,001	38,955	2,644	17,335	113,656
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month December, 1957	-	422.0	73.8	680.0	69.5	118.8	246.4
This year (12 months)	-	481.0	73.7	689.0	69.5	124.8	273.1
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	(7) 6,164,418*	23,202,669*
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	(7) 13,623,900*	47,669,922*
Nine Months ending Sept. 30, 1957	2,829,541	18,068,116	2,132,131	22,547,917	4,001,169	(7) 22,032,846*	71,611,720*
Twelve Months ending Dec. 31, 1957	3,490,759	24,046,476	2,844,023	26,698,067	5,145,695	(7) 29,898,165	92,123,185
EMPLOYEES AND EARNINGS							
<u>Number of Employees December, 1957</u>	163	420	50	<u>Number</u>			
				275	174	(6) 589	1,671
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month December, 1957	73,678	220,746	24,019	139,508	82,901	(6) 277,858	818,710
This year (12 months)	856,848	2,463,026	291,428	1,671,853	1,079,311	(6) 3,178,906	9,541,372
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month December, 1957	20,187	113	692	304	16,270	(6) 33,717	71,283
This year (12 months)	236,497	5,762	13,929	9,264	250,165	(6) 446,685	962,302

* Totals include duplication between companies.

) See list of reporting companies on page 7.

) Includes 4,232,732 bbls. products and 50,496 bbls. natural gasoline.

) Includes 45,014,907 bbls. products and 585,254 bbls. natural gasoline.

) Includes 4,221,871 bbls. products and 49,042 bbls. natural gasoline.

) Includes 44,928,730 bbls. products and 583,250 bbls. natural gasoline.

) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company, Ltd.

) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

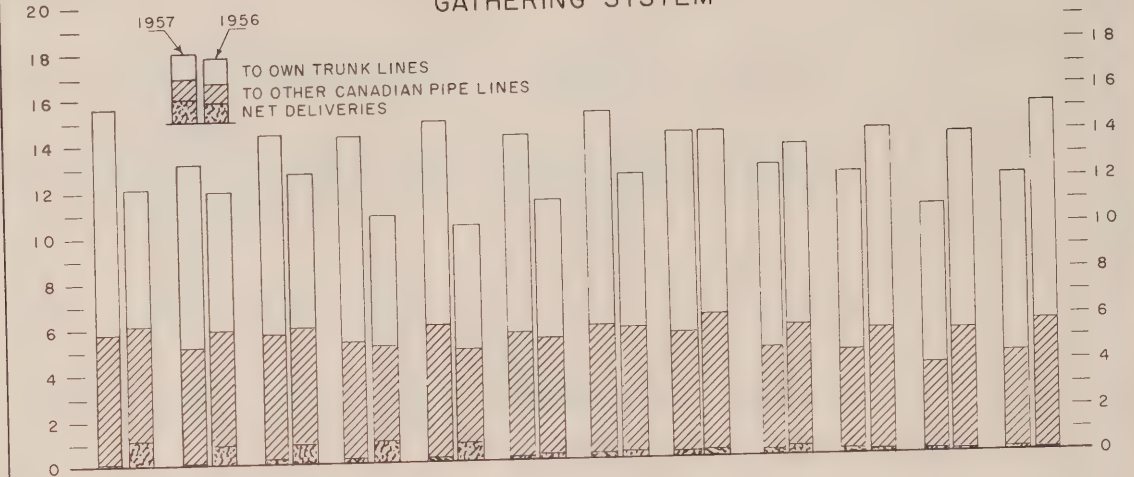
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MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1956 AND 1957

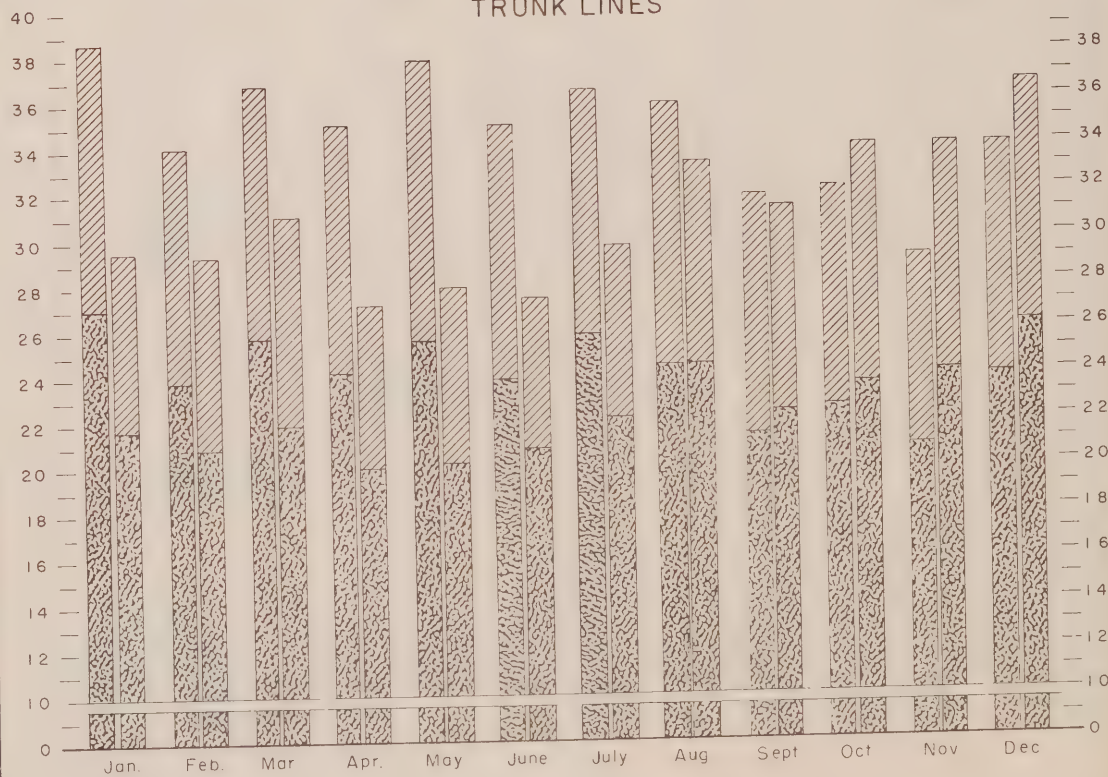
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Cremona Pipe Lines Division (Home Oil Company, Limited)
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited
Devon-Palmer Oils, Limited

Can. Stat. Bureau
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

01. 8 No. 1

oil pipeline transport
(PIPE LINES (OIL) STATISTICS)

Price \$1.00 per year

JANUARY, 1958

Net deliveries of oil from Canadian pipe lines rose 5.5 per cent in January to 25,32,890 barrels from 23,907,630 in December but declined 7.1 per cent from last January's record monthly total of 27,167,374* barrels. The daily average delivery was 813,964 barrels as compared with 771,214 in December and 876,366 in January one year ago. Barrel miles at 8,742 million were up 4.8 per cent from December's 8,342 million but down 22.16 per cent from last January's 11,231 million. The average length of haul was only 241.1 miles as compared with 290.3 in January 1957.

Provincial deliveries in barrels for the month were as follows (1957 data in brackets): British Columbia, 3,460,424 (5,870,694); Alberta, 1,325,286 (1,090,330*); Saskatchewan, 1,418,917 (1,529,704*); Manitoba, 7,829,303 (7,128,486); Ontario, 4,244,313 (4,525,108); Quebec, 6,954,647 (7,023,052).

Gathering systems handled an average of 452,748 barrels per day as compared with 501,371 barrels in January 1957 and trunk line deliveries dropped to a daily average of 169,654 barrels from the record of 1,247,966 in the previous year.

Net receipts during January totalled 26,008,542 barrels, an increase of 10.9 per cent over the December total but a decrease of 6.2 per cent from the total of 27,726,033 reached in January 1957. Receipts for the month were comprised of 10,570,407 barrels of Alberta crude and 51,072 barrels of Alberta natural gasoline, 3,609,081 barrels of Saskatchewan crude, 519,751 barrels of Manitoba crude, 6,958,958 barrels of imported crude and 4,299,273 barrels of refinery products.

Compared with January 1957, both employees and earnings registered increases. The number of employees rose to 1,661 from 1,621 and earnings increased to \$779,817 from \$21,945. Average earnings at \$469 were up by 5.4 per cent.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

* Revised.

Prepared in the Transportation and Public Utilities Section,

Public Finance and Transportation Division.

004-508-18

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during January, 1958, per table 6	41,522,295
Received into Trunk Lines from other Canadian Pipe Lines	15,513,753
"Net Received" into Canadian Pipe Line Systems	26,008,542
"Net Received" into Trunk Systems per table 1	11,954,846
"Net Received" into Gathering Systems per table 2	14,053,696
Total Delivered out of Systems - all companies -	
during January, 1958, per table 6	41,446,189
Delivered to other Canadian Pipe Lines	16,213,299
"Net Delivered" from Canadian Pipe Line Systems	25,232,890
"Net Delivered" from Trunk Systems per table 1	25,083,985
"Net Delivered" from Gathering Systems per table 2	148,905

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for January and are given herewith:

OIL BALANCE - ALL COMPANIES - January, 1958

	Barrels
Total Shippers Balances - January 1, 1958	10,141,516
Total Carriers Balances - January 1, 1958	1,069,013
Received into Gathering Systems during January, 1958	14,053,696
Received into Trunk Systems during January, 1958	36,316,549
Total oil accountable for period	61,580,774
Delivered from Gathering Systems during January, 1958	14,035,181
Delivered from Trunk Systems during January, 1958	36,259,287
Balance to be accounted for at January 31, 1958	11,286,306
Oil consumed as fuel and losses during January, 1958	49,356
Balance on hand - January 31, 1958	11,236,950
Total Shippers Balances - January 31, 1958	10,165,598
Total Carriers Balances - January 31, 1958	1,071,352

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
January, 1957	3,455,663	-	575,739
December, 1957	3,016,315	1,785,514	623,220
January, 1958	3,387,903	1,564,620	340,906

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	January 1958	December 1957	January ^x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	36,316,549	32,970,902	38,528,766	
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,847,950	7,709,605	9,729,851	
3. Other pipe lines - Gathering	5,282,400	4,813,891	4,566,511	
4. Trunk	10,231,353	9,003,468	12,069,127	
5. <u>Net Received (6+7+8)</u>	11,954,846	11,443,938	12,163,277	
6. Originating on own trunk lines	4,620,087	4,598,556	4,987,984	
7. Received from foreign pipe line connections	6,958,958	6,493,619	7,067,777	
8. Received from other carriers (rail & truck)	375,801	351,763	107,516	
9. <u>Total Delivered * (10+11)</u>	36,259,287	33,858,800	38,686,967	
10. Less: Delivered to other Canadian trunk lines	11,175,302	10,100,708	11,618,424	
11. <u>Net Delivered (12+13+14)</u>	25,083,985	23,758,092	27,068,543	
12. Terminated on own trunk lines	16,636,029	15,072,235	17,159,842	
13. Delivered to foreign pipe line connections	8,363,727	8,663,063	8,848,873	
14. Delivered to other carriers (truck, rail & water)	84,229	22,794	1,059,828	

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	January 1958	December 1957	January ^x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	14,053,696	12,004,632	15,562,756	
16. Less: Received from other gathering systems	-	-	-	
17. <u>Net Received (18+19)</u>	14,053,696	12,004,632	15,562,756	
18. Originating on own gathering system	13,875,036	11,826,388	14,850,470	
19. Received from other carriers (rail & truck)	178,660	178,244	712,286	
20. <u>Total Delivered * (21+22+23)</u>	14,035,181	12,043,526	15,542,494	
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,848,279	7,709,605	9,729,851	
22. Other pipe lines	5,037,997	4,184,383	5,713,712	
23. <u>Net Delivered (24+25)</u>	148,905	149,538	98,931	
24. Terminated on gathering systems	60,460	50,168	29,306	
25. Delivered to other carriers (rail & truck)	88,445	99,370	69,625	

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[‡] Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		January 1958	December 1957	January* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,274,133	8,322,041	12,944,628	
"	- Trunk	433,749	457,930	561,666	
Saskatchewan	- Gathering	3,259,812	3,150,049	2,096,736	
"	- Trunk	349,269	325,572	2,760	
Manitoba	- Gathering	519,751	532,542	521,392	
"	- Trunk	-	-	-	
Ontario (2)	- Trunk	2,636,913	2,557,027	2,834,843	
Quebec (3)	- Trunk	8,534,915	8,103,409	8,764,008	
Net Received	- Gathering	14,053,696	12,004,632	15,562,756	
" "	- Trunk	11,954,846	11,443,938	12,163,277	
" "	- Total	26,008,542	23,448,570	27,726,033	

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		January 1958	December 1957	January* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,460,424	3,223,243	5,870,694	
Alberta (1)	- Gathering	101,576	92,434	69,836	
"	- Trunk	1,223,710	828,821	1,020,494	
Saskatchewan	- Gathering	47,329	57,104	28,995	
"	- Trunk	1,371,588	1,423,047	1,500,709	
Manitoba	- Trunk	7,829,303	7,581,609	7,128,486	
Ontario (2)	- Trunk	4,244,313	4,156,169	4,525,108	
Quebec	- Trunk	6,954,647	6,545,203	7,023,052	
Net Delivered	- Gathering	148,905	149,538	98,831	
" "	- Trunk	25,083,985	23,758,092	27,068,543	
" "	- Total	25,232,890	23,907,630	27,167,374	
" "	- Daily Average	813,964	771,214	876,366	
⌘	Includes deliveries to U.S. pipe lines, Gretna, Man.	6,751,207	6,636,031	6,218,248	
⌘	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	1,612,520	2,027,032	3,665,054	
	via Interprovincial Pipe Line Company	1,754,699	2,094,393	2,016,446	

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		January 1958	December 1957	January* 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	452,748	388,501	501,371	
Trunk Lines	"	1,169,654	1,092,219	1,247,966	
Total Barrel Miles (Trunk Lines)	Millions	8,742	8,342	11,231	
Average Miles Per Barrel (Trunk Lines)	Miles	241.1	246.4	290.3	
Employees and Earnings (6)					
Average Number (4)	No.	1,661	1,671	1,621	
Total Salaries and Wages	\$	779,817	818,710	721,945	
Man-Hours Worked by Wage Earners (5) (6)	Hours	74,934	71,283	81,192	

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
January, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>							
This month January, 1958	3,207,156	9,600,794	6,958,958	3,473,639	3,125,684	(2) 15,156,064	41,522,295
This year							
<u>Total Delivered out of System</u>							
This month January, 1958	3,206,322	9,601,750	6,954,647	3,460,424	3,082,056	(3) 15,140,990	41,446,189
This year							
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month January, 1958	103,430	-	-	-	100,193	249,125	452,748
This year							
<u>Trunk Lines</u>							
This month January, 1958	-	309,734	224,343	111,627	99,421	424,529	1,169,654
This year							
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month January, 1958	-	4,130	513	2,336	214	1,549	8,742
This year							
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month January, 1958	-	430.0	73.8	675.0	69.5	117.0	241.1
This year							
OPERATING REVENUES				<u>Dollars</u>			
Three Months ending Mar. 31, 1958							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>			
Number of Employees January, 1958	161	410	50	273	169	(4) 598	1,661
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month January, 1958	71,294	203,719	23,699	136,640	76,059	(4) 268,406	779,817
This year							
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month January, 1958	18,881	160	6,128	400	16,265	(4) 33,100	74,934
This year							

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

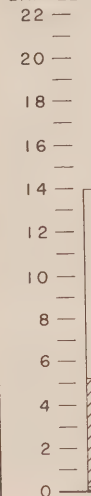
(2) Includes 4,299,273 bbls. products and 51,072 bbls. natural gasoline.

(3) Includes 4,333,516 bbls. products and 51,743 bbls. natural gasoline.

(4) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; and Valley Pipe Line Company Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

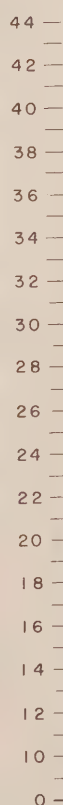
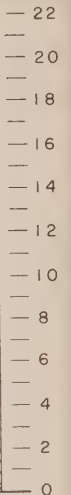


1958 1957

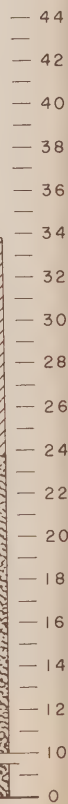
TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS



TRUNK LINES



Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Taxaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

o. 8 No. 2

PIPE LINES (OIL) STATISTICS

Price \$1.00 per year

FEBRUARY, 1958

Net deliveries of oil from Canadian pipe lines totalled 22,775,354 barrels in February, 1.1 million barrels fewer than the 23,892,908 recorded in February 1957. The daily average delivery of 813,406 barrels represents little change from the previous month but a decline of 5 per cent from the February 1958 average of 853,318 barrels. Continuing a trend started in October 1956 the average length of haul fell in relation to the previous year, the decline to 231.0 from 290.9 miles largely accounting for a drop of 21.5 per cent to 1,787 million in barrel miles.

For the two months ended February 28, total net deliveries amounted to 48,008,244 barrels compared with 51,060,282 barrels in the same period last year, a decrease of 6.0 per cent. Provincial deliveries, in barrels, for the first two months of the year were as follows (1957 data in brackets): British Columbia, 6,125,072 (10,841,929); Alberta, 2,51,182 (*2,010,584); Saskatchewan, 2,786,375 (*2,917,430); Manitoba, 15,287,945 (12,976,37); Ontario, 7,893,107 (8,870,245); Quebec, 13,554,563 (13,443,907). Included in Manitoba deliveries were 13,224,394 (11,181,006) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 469,340 barrels per day as compared with 471,000 in February 1957, and trunk line deliveries dropped to a daily average of 1,203,717 barrels from 1,217,685 last year.

Net receipts for the month of February totalled 24,158,756 barrels compared with 24,152,430 in the same month last year, a decrease of 3.1 per cent. Receipts for the month were comprised of 10,012,717 barrels of Alberta crude and 53,385 barrels of Alberta natural gasoline, 3,271,609 barrels of Saskatchewan crude, 464,883 barrels of Manitoba crude, 6,109,630 barrels of imported crude and 3,746,532 barrels of refinery products.

Employment and wages registered a slight decrease from the previous month, but showed an increase over February 1957, with 1,659 employees earning \$764,869 as compared with 1,615 employees and salaries of \$727,766.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Revised. Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

04-508-28

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	80,473,087
during first two months of 1958, per table 6	30,305,789
Received into Trunk Lines from other Canadian Pipe Lines	50,167,298
"Net Received" into Canadian Pipe Line Systems	22,935,309
"Net Received" into Trunk Systems per table 1	27,231,989
"Net Received" into Gathering Systems per table 2	
Total Delivered out of Systems - all companies -	79,721,614
during first two months of 1958, per table 6	31,713,370
Delivered to other Canadian Pipe Lines	48,008,244
"Net Delivered" from Canadian Pipe Line Systems	47,694,876
"Net Delivered" from Trunk Systems per table 1	313,368
"Net Delivered" from Gathering Systems per table 2	

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for February and are given herewith:

OIL BALANCE - ALL COMPANIES - February, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to February 28, 1958	27,231,989	
Received into Trunk Systems January 1 to February 28, 1958	71,019,623	98,251,612
Total oil accountable for period		109,462,141
Delivered from Gathering Systems January 1 to February 28, 1958	27,175,555	
Delivered from Trunk Systems January 1 to February 28, 1958	70,324,913	97,500,468
Balance to be accounted for at February 28, 1958		11,961,673
Oil consumed as fuel and losses January 1 to February 28, 1958 ...		89,910
Balance on hand - February 28, 1958		11,871,763
Total Shippers Balances - February 28, 1958	10,781,634	
Total Carriers Balances - February 28, 1958	1,090,129	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Greta, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations data for these short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
February, 1957	3,330,463	-	465,022
January, 1958	3,387,903	1,564,620	340,906
February, 1958	3,008,204	1,489,790	237,316

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	February 1958	January* 1958	February 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	34,342,653	36,676,970	34,296,711	71,019,623
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,570,154	9,208,371	8,043,033	17,778,525
3. Other pipe lines - Gathering	5,363,977	5,282,400	4,123,825	10,646,377
4. Trunk	9,428,059	10,231,353	10,450,299	19,659,412
5. <u>Net Received (6+7+8)</u>	10,980,463	11,954,846	11,679,554	22,935,309
6. Originating on own trunk lines	4,026,239	4,620,087	4,777,157	8,646,326
7. Received from foreign pipe line connections	6,609,630	6,958,958	6,440,560	13,568,588
8. Received from other carriers (rail & truck)	344,594	375,801	461,837	720,395
9. <u>Total Delivered * (10+11)</u>	33,704,066	36,620,847	34,095,196	70,324,913
10. Less: Delivered to other Canadian trunk lines	11,093,175	11,536,862	10,284,048	22,630,037
11. <u>Net Delivered (12+13+14)</u>	22,610,891	25,083,985	23,811,148	47,694,876
12. Terminated on own trunk lines	15,100,586	16,636,029	15,976,427	31,736,615
13. Delivered to foreign pipe line connections	7,468,724	8,363,727	7,068,916	15,832,451
14. Delivered to other carriers (truck, rail & water)	41,581	84,229	765,805	125,810

TABLE 2

OIL^f CARRIED BY PIPE LINES - GATHERING

	February 1958	January* 1958	February* 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,178,293	14,053,696	13,252,876	27,231,989
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	13,178,293	14,053,696	13,252,876	27,231,989
18. Originating on own gathering system	13,005,917	13,875,036	12,930,880	26,880,953
19. Received from other carriers (rail & truck)	172,376	178,660	321,996	351,036
20. <u>Total Delivered * (21+22+23)</u>	13,141,513	14,034,042	13,204,141	27,175,555
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,570,154	9,208,700	8,043,033	17,778,854
22. Other pipe lines	4,406,896	4,676,437	5,079,348	9,083,333
23. <u>Net Delivered (24+25)</u>	164,463	148,905	81,760	313,368
24. Terminated on gathering systems	94,578	60,460	22,772	155,038
25. Delivered to other carriers (rail & truck)	69,885	88,445	58,988	158,330

- ^f Includes natural gasoline and refinery products.
 * Includes duplications.
^f Includes natural gasoline.
 * Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		February 1958	January 1958	February* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,762,109	10,274,133	11,126,066	20,036,242
"	- Trunk	383,800	433,749	493,553	817,549
Saskatchewan	- Gathering	2,951,301	3,259,812	1,667,680	6,211,113
"	- Trunk	320,308	349,269	381,832	669,577
Manitoba	- Gathering	464,883	519,751	459,130	984,634
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,324,031	2,636,913	2,729,957	4,960,944
Quebec (3)	- Trunk	7,952,324	8,534,915	8,074,212	16,487,239
Net Received	- Gathering	13,178,293	14,053,696	13,252,876	27,231,989
" "	- Trunk	10,980,463	11,954,846	11,679,554	22,935,309
" "	- Total	24,158,756	26,008,542	24,932,430	50,167,298

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		February 1958	January 1958	February* 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,664,648	3,460,424	4,971,235	6,125,072
Alberta (1)	- Gathering	123,871	101,576	59,586	225,447
"	- Trunk	912,025	1,223,710	860,668	2,135,735
Saskatchewan	- Gathering	40,592	47,329	22,174	87,921
"	- Trunk	1,326,866	1,371,588	1,365,552	2,698,454
Manitoba	- Trunk	7,458,642	7,829,303	5,847,701	15,287,945
Ontario (2)	- Trunk	3,648,794	4,244,313	4,345,137	7,893,107
Quebec	- Trunk	6,599,916	6,954,647	6,420,855	13,554,563
Net Delivered	- Gathering	164,463	148,905	81,760	313,368
" "	- Trunk	22,610,891	25,083,985	23,811,148	47,694,876
" "	- Total	22,775,354	25,232,890	23,892,908	48,008,244
" "	- Daily Average	813,406	813,964	853,318	813,699
Includes deliveries to U.S. pipe lines, Grctna, Man.		6,473,187	6,751,207	4,962,758	13,224,394
Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		995,537 1,842,570	1,612,520 1,754,699	2,851,187 1,710,529	2,608,057 3,597,269

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		February 1958	January* 1958	February* 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	469,340	452,711	471,576	460,603
Trunk Lines	"	1,203,717	1,181,318	1,217,685	1,191,948
Total Barrel Miles (Trunk Lines)	Millions	7,787	8,751	9,919	16,539
Average Miles Per Barrel (Trunk Lines)	Miles	231.0	239.0	290.9	235.2
Employees and Earnings (6)					
Average Number (4)	No.	1,659	1,661	1,635	1,660
Total Salaries and Wages	\$	764,869	779,817	727,766	1,544,686
Man-Hours Worked by Wage Earners (5) (6)	Hours	65,300	74,934	74,222	140,234

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

* Revised.

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

February, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month February, 1958	3,057,319	9,385,819	6,609,630	2,916,602	2,906,144	(2) 14,075,278	38,950,792
This year (2 months)	6,264,475	18,986,613	13,568,588	6,390,241	6,031,828	(3) 29,231,342	80,473,087
<u>Total Delivered out of System</u>							
This month February, 1958	3,029,168	9,116,099	6,599,916	2,664,648	2,841,726	(4) 14,023,868	38,275,425
This year (2 months)	6,235,490	18,717,849	13,554,563	6,125,072	5,923,782	(5) 29,164,858	79,721,614
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month February, 1958	108,185	-	-	-	103,476	257,679	469,340
This year (2 months)	105,686	-	-	-	101,751	253,166	460,603
<u>Trunk Lines</u>							
This month February, 1958	-	325,575	235,711	95,166	101,490	445,775	1,203,717
This year (2 months)	-	317,251	229,738	103,815	100,403	440,741	1,191,948
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month February, 1958	-	3,904	487	1,799	197	1,400	7,787
This year (2 months)	-	8,034	1,000	4,135	412	2,958	16,539
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month February, 1958	-	428.0	73.7	675.0	69.5	112.2	231.0
This year (2 months)	-	429.0	73.8	675.0	69.5	137.6	235.2
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar.31,1958							
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				<u>Number</u>			
Number of Employees February,1958	154	410	50	269	167	(6) 609	1,659
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month February, 1958	63,628	205,209	23,759	132,158	71,002	(6) 269,113	764,869
This year (2 months)	134,922	408,928	47,458	268,798	147,061	(6) 537,519	1,544,686
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month February, 1958	15,995	248	5,859	-	14,343	(6) 28,855	65,300
This year (2 months)	34,876	408	11,987	400	30,608	(6) 61,955	140,234

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,746,532 bbls. products and 53,385 bbls. natural gasoline.

(3) Includes 8,045,805 bbls. products and 104,457 bbls. natural gasoline.

(4) Includes 3,727,592 bbls. products and 52,305 bbls. natural gasoline.

(5) Includes 8,061,108 bbls. products and 104,048 bbls. natural gasoline.

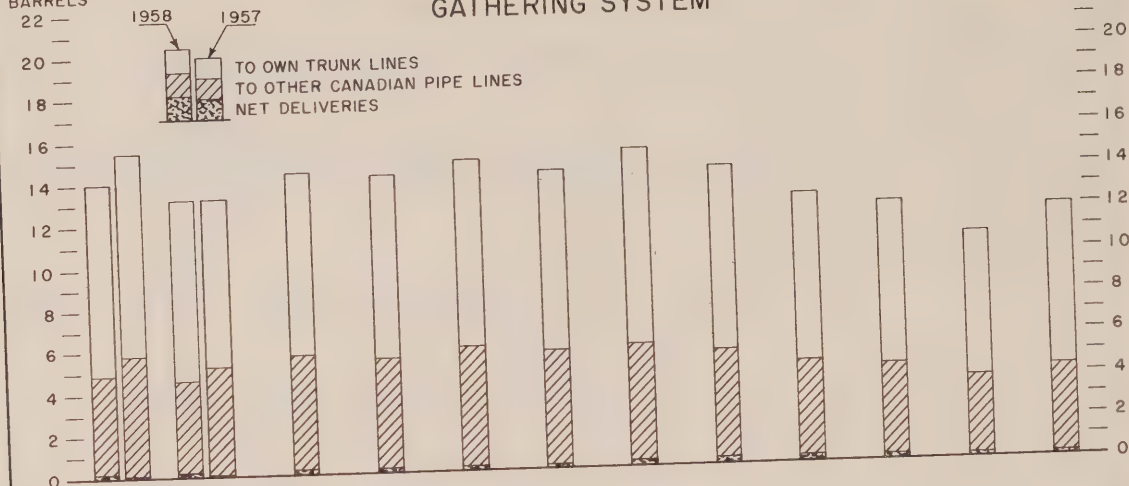
(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company, Ltd.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

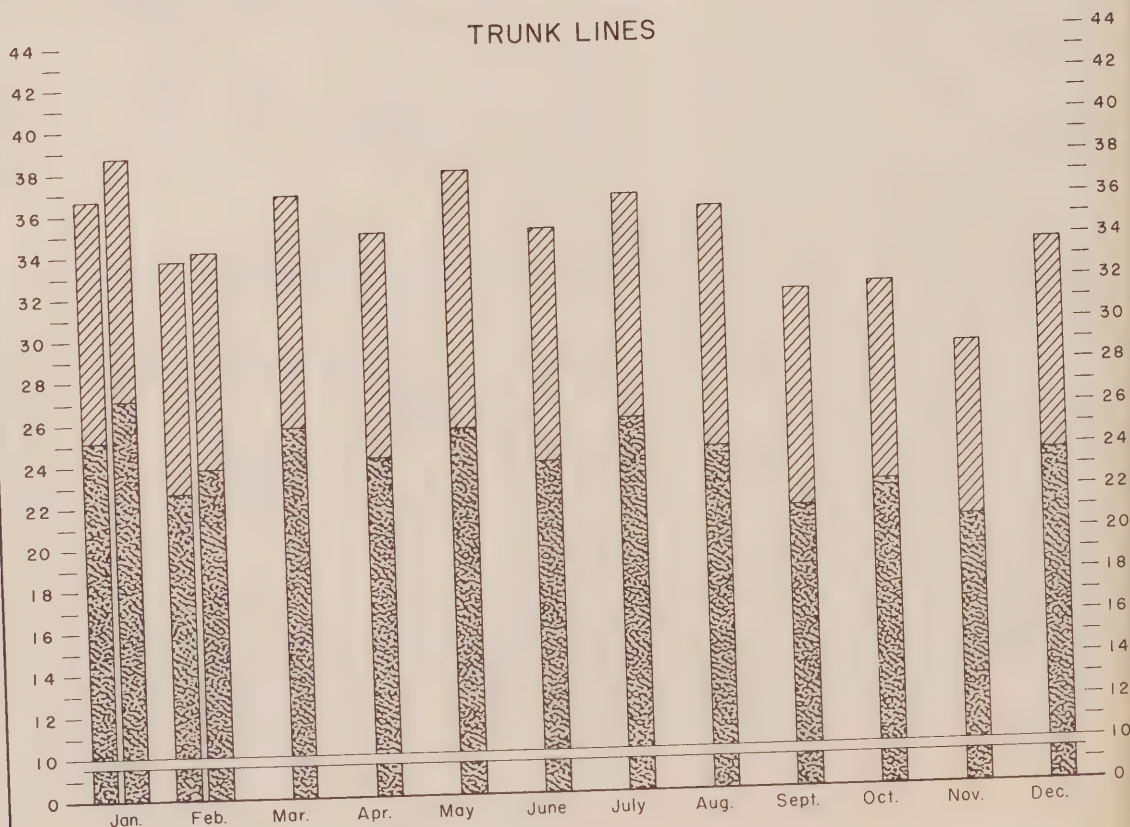
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 8, No. 3

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

MARCH, 1958

Deliveries of oil from Canadian pipe lines continued to lag behind last year. Net deliveries for March were down by 7.3 p.c., dropping to 24,042,401 barrels from 25,940,239 in March, 1957. This was an average of 775,561 barrels per day as against 836,782 in the previous year. Barrel miles fell to 8,910 million from 10,837 in March 1957 and the average length of haul decreased by 17.0 p.c. to 243.6 miles from 293.6

For the first quarter ended March 31, total net deliveries from both gathering and trunk lines dropped 6.4 p.c. to 72,050,645 barrels from 77,000,621 in the same period last year. Provincial deliveries, in barrels, for the first three months of the year were as follows (1957 data in brackets): British Columbia, 9,196,211 (16,756,543); Alberta, 4,487,657 (3,047,445); Saskatchewan, 4,249,428 (4,590,066); Manitoba, 23,158,422 (19,309,949); Ontario, 11,750,429 (13,046,322); and Quebec, 20,208,498 (20,250,296). Included in Manitoba deliveries were 20,201,684 (16,570,623) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to Table 4.

Gathering systems handled an average of 447,558 barrels per day as compared with 465,302 in March, 1957, while trunk line deliveries dropped by 3.8 p.c. to a daily average of 1,142,339 barrels from 1,187,329.

Net receipts for the month decreased 7.3 p.c. to 24,296,476 barrels from 26,205,684 in the corresponding month last year. March receipts were comprised of 9,575,885 barrels of Alberta crude and 49,816 barrels of Alberta natural gasoline, 3,587,144 barrels of Saskatchewan crude, 512,964 barrels of Manitoba crude, 6,672,157 barrels of imported crude and 3,898,510 barrels of refinery products.

Employees numbered 1,662, exactly the same as in March 1957. Earnings however, rose by 5.6 p.c. to \$772,788 from \$731,612.

Operating revenues for the first quarter of the year were down by \$2,816,866, or 2.2 p.c., dropping to \$20,338,249 from \$23,155,115 in the corresponding period of 1957.

Producers Pipelines, Limited has been added to the list of reporting companies. Previously, the operations of this company were included with those of its subsidiary, the Westspur Pipe Line Company.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd., are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-38

Net totals given in Table 6 exceed those in Table 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first three months of 1958, per table 6	120,419,679
Received into Trunk Lines from other Canadian Pipe Lines	45,955,905
"Net Received" into Canadian Pipe Line Systems	74,463,774
"Net Received" into Trunk Systems per table 1	34,083,192
"Net Received" into Gathering Systems per table 2	40,380,582
Total Delivered out of Systems - all companies -	
during first three months of 1958, per table 6	120,356,804
Delivered to other Canadian Pipe Lines	48,306,159
"Net Delivered" from Canadian Pipe Line Systems	72,050,645
"Net Delivered" from Trunk Systems per table 1	71,541,539
"Net Delivered" from Gathering Systems per table 2	509,106

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for March and are given herewith:

OIL BALANCE - ALL COMPANIES - March 31, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to March 31, 1958	40,966,455	
Received into Trunk Systems January 1 to March 31, 1958	106,469,232	147,435,687
Total oil accountable for period		158,646,216
Delivered from Gathering Systems January 1 to March 31, 1958	41,049,854	
Delivered from Trunk Systems January 1 to March 31, 1958	105,737,414	146,787,268
Balance to be accounted for at March 31, 1958		11,858,948
Oil consumed as fuel and losses January 1 to March 31, 1958		117,342
Balance on hand - March 31, 1958		11,741,606
Total Shippers Balances - March 31, 1958	10,637,175	
Total Carriers Balances - March 31, 1958	1,104,431	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line has now been extended to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included on Canadian oil pipe line statistics. However, commencing with the current report, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
March, 1957	3,596,038	-	508,767
February, 1958	3,008,204	1,489,790	237,316
March, 1958	3,155,481	1,611,215	220,539

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	March 1958	February 1958	March 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	35,449,609	34,342,653	36,377,532	106,469,232
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,651,610	8,570,154	8,719,479	26,430,135
3. Other pipe lines - Gathering	5,831,175	5,363,977	4,494,168	16,477,552
4. Trunk	9,818,941	9,428,059	11,341,236	29,478,353
5. <u>Net Received (6+7+8)</u>	11,147,883	10,980,463	11,822,649	34,083,192
6. Originating on own trunk lines	4,204,724	4,026,239	4,622,113	12,851,050
7. Received from foreign pipe line connections	6,672,157	6,609,630	6,756,625	20,240,745
8. Received from other carriers (rail & truck)	271,002	344,594	443,911	991,397
9. <u>Total Delivered * (10+11)</u>	35,412,501	33,704,066	36,807,201	105,737,414
10. Less: Delivered to other Canadian trunk lines	11,565,838	11,093,175	11,066,634	34,195,875
11. <u>Net Delivered (12+13+14)</u>	23,846,663	22,610,891	25,740,567	71,541,539
12. Terminated on own trunk lines	15,513,093	15,100,586	16,766,662	47,249,708
13. Delivered to foreign pipe line connections	8,303,737	7,468,724	7,514,199	24,136,188
14. Delivered to other carriers (truck, rail & water)	29,833	41,581	1,459,706	155,643

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	March 1958	February 1958	March x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	13,734,466	13,178,293	14,383,035	40,966,455
16. Less: Received from other gathering systems	585,873	-	-	585,873
17. <u>Net Received (18+19)</u>	13,148,593	13,178,293	14,383,035	40,380,582
18. Originating on own gathering system	12,932,442	13,005,917	14,131,418	39,813,395
19. Received from other carriers (rail & truck)	216,151	172,376	251,617	567,187
20. <u>Total Delivered * (21+22+23)</u>	13,874,299	13,141,513	14,424,347	41,049,854
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,651,610	8,570,154	8,719,479	26,430,464
22. Other pipe lines	5,026,951	4,406,896	5,505,196	14,110,284
23. <u>Net Delivered (24+25)</u>	195,738	164,463	199,672	509,106
24. Terminated on gathering systems	101,247	94,578	84,001	256,285
25. Delivered to other carriers (rail & truck)	94,491	69,885	115,671	252,821

¹ Includes natural gasoline and refinery products.

* Includes duplications.

¹ Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,268,185	9,762,109	11,859,259	29,304,427
"	- Trunk	428,633	383,800	536,143	1,246,182
Saskatchewan	- Gathering	3,367,444	2,951,301	2,016,598	9,578,557
"	- Trunk	219,700	320,308	365,382	889,277
Manitoba	- Gathering	512,964	464,883	507,178	1,497,598
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,478,380	2,324,031	2,412,981	7,439,324
Quebec (3)	- Trunk	8,021,170	7,952,324	8,508,143	24,508,409
Net Received	- Gathering	13,148,593	13,178,293	14,383,035	40,380,582
"	- Trunk	11,147,883	10,980,463	11,822,649	34,083,192
"	- Total	24,296,476	24,158,756	26,205,684	74,463,774

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,071,139	2,664,648	5,914,614	9,196,211
Alberta (1)	- Gathering	134,607	123,871	125,733	360,054
"	- Trunk	991,868	912,025	911,128	3,127,603
Saskatchewan	- Gathering	61,131	40,592	73,939	149,052
"	- Trunk	1,401,922	1,326,866	1,598,597	4,100,376
Manitoba	- Trunk	7,870,477	7,458,642	6,333,762	23,158,422
Ontario (2)	- Trunk	3,857,322	3,648,794	4,176,077	11,750,429
Quebec	- Trunk	6,653,935	6,599,916	6,806,389	20,208,498
Net Delivered	- Gathering	195,738	164,463	199,672	509,106
"	- Trunk	23,846,663	22,610,891	25,740,567	71,541,539
"	- Total	24,042,401	22,775,354	25,940,239	72,050,645
"	- Daily Average	775,561	813,406	836,782	800,563
Includes deliveries to U.S. pipe lines, Gretna, Man.		6,977,290	6,473,187	5,389,617	20,201,684
Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		1,326,447 2,074,860	995,537 1,842,570	3,562,001 1,864,172	3,934,504 5,672,129

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		March 1958	February 1958	March x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	447,558	469,340	465,302	456,109
Trunk Lines	"	1,142,339	1,203,717	1,187,329	1,174,860
Total Barrel Miles (Trunk Lines)*	Millions	8,910	8,050*	10,837*	25,989
Average Miles Per Barrel (Trunk Lines)	Miles	243.6	231.0	293.6	238.0
Employees and Earnings (6)					
Average Number (4)	No.	1,662	1,659	1,662	554
Total Salaries and Wages	\$	772,788	764,869	731,612	2,317,474
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,040	65,300	79,121	211,273

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised.

TABLE 6
TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
March, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month March, 1958	2,675,963	9,661,553	6,672,157	2,994,203	3,031,739	(2) 14,910,977	39,946,592
This year (3 months)	8,940,438	28,648,166	20,240,745	9,384,444	9,063,567	(3) 44,142,319	120,419,679
<u>Total Delivered out of System</u>							
This month March, 1958	2,701,577	9,725,305	6,653,935	3,071,139	2,940,473	(4) 15,542,761	40,635,190
This year (3 months)	8,937,067	28,443,154	20,208,498	9,196,211	8,864,255	(5) 44,707,619	120,356,804
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month March, 1958	87,148	-	-	-	97,564	262,846	447,558
This year (3 months)	99,301	-	-	-	100,309	256,499	456,109
<u>Trunk Lines</u>							
This month March, 1958	-	313,720	214,643	99,069	94,854	420,053	1,142,339
This year (3 months)	-	316,035	224,539	102,180	98,492	433,614	1,174,860
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month March, 1958	-	4,741	490	2,064	204	1,411	(8) 8,910
This year (3 months)	-	13,314	1,490	6,199	616	4,370	(8) 25,989
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month March, 1958	-	458.0	73.7	672.0	69.5	108.3	243.6
This year (3 months)	-	439.0	73.7	674.0	69.5	111.9	238.0
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar.31,1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				<u>Number</u>			
Number of Employees March, 1958	154	411	50	267	166	(6) 614	1,662
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month March, 1958	66,951	201,357	22,886	135,526	70,764	(6) 275,304	772,788
This year (3 months)	201,873	610,285	70,344	404,324	217,825	(6) 812,823	2,317,474
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month March, 1958	17,370	328	6,081	-	15,346	(6) 31,915	71,040
This year (3 months)	52,246	736	18,068	400	45,953	(6) 93,870	211,273

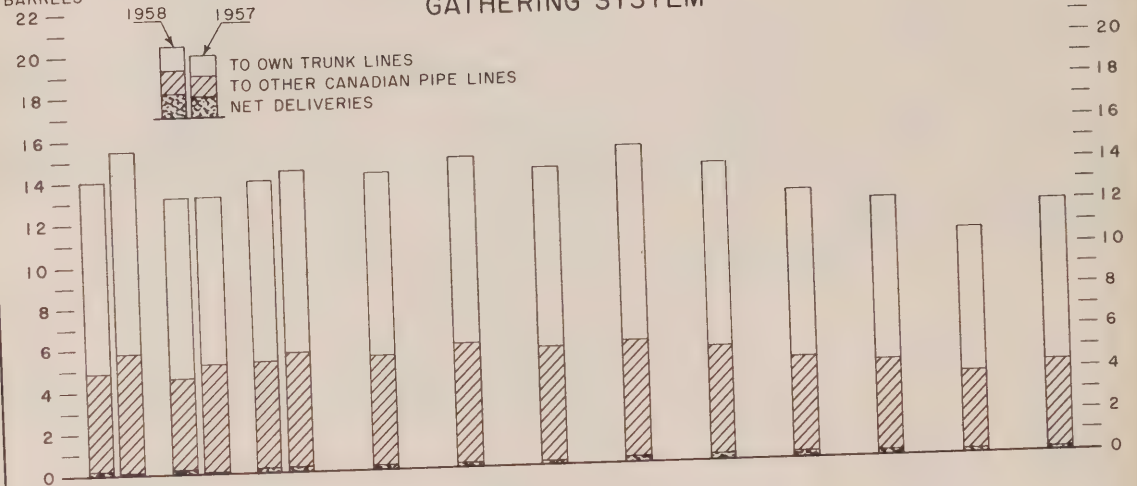
- * Totals include duplication between companies.
- (1) See list of reporting companies on page 7.
- (2) Includes 3,898,510 bbls. products and 49,816 bbls. natural gasoline.
- (3) Includes 11,944,316 bbls. products and 154,273 bbls. natural gasoline.
- (4) Includes 3,927,397 bbls. products and 45,227 bbls. natural gasoline.
- (5) Includes 11,988,505 bbls. products and 149,275 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.
- (7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.
- (8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

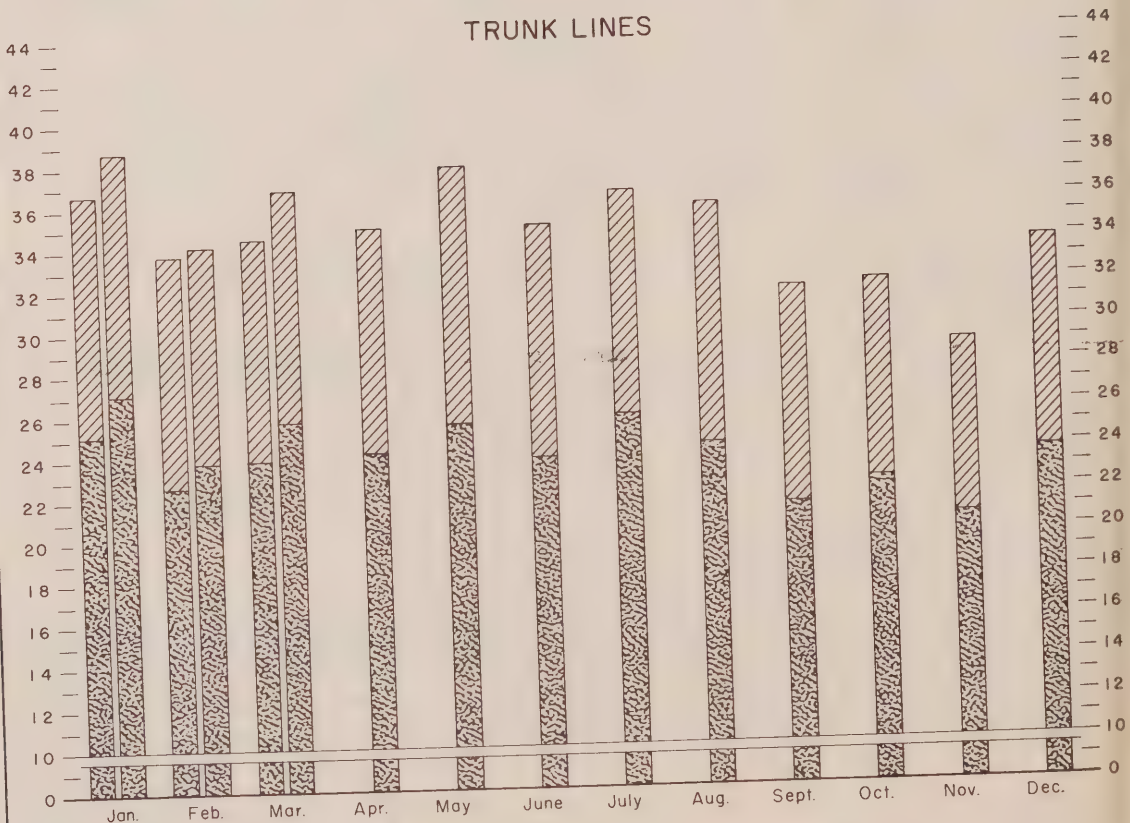
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line, Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

1. 8, No. 4

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

APRIL, 1958

Net deliveries of oil through Canadian pipe lines dropped 17.5 p.c. during April to a total of 20,076,446 barrels from 24,341,857 in April last year. This was the lowest monthly total recorded since October 1955 with exports alone, at 2,422,405 barrels, accounting for 3 of the 4.3 million barrels drop from the previous year. The daily average delivery of 669,215 barrels compared with 811,395 last year and 775,561 in the previous month. Barrel miles declined to 7,367 million from 9,997 million while the average length of haul fell to 242.6 miles from 285.4

For the first four months of the year, total net deliveries amounted to 92,127,091 barrels as compared with 101,342,478^x in the corresponding period last year. Provincial deliveries, in barrels, were as follows (1957 data in brackets): British Columbia 1,612,892 (22,773,359); Alberta 4,697,961 (4,015,101); Saskatchewan 5,562,543 (5,794,005); Manitoba 29,763,229 (24,965,728); Ontario 14,980,299 (16,658,950); and Quebec 25,510,167 (27,135,335). Included in Manitoba deliveries were 26,069,520 (21,334,307) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 387,977 barrels per day, a decrease of 2.2 p.c. from the April 1957 average of 473,062 barrels and 13.3 p.c., from last month's 447,558. Trunk line deliveries at 982,088 barrels per day were down 15.7 p.c., from the 1,164,981 recorded in April 1957 and 14.0 p.c., below the 1,142,339 registered last month.

During the month of April, net receipts totalled 20,222,670 barrels, down 5,132,947 barrels or 20.2 p.c., from last year's 25,355,617. Monthly receipts were comprised of 1,925,156 barrels of Alberta crude and 45,931 barrels of Alberta natural gasoline, 1,151,583 barrels of Saskatchewan crude, 460,922 barrels of Manitoba crude, 5,351,215 barrels of imported crude and 3,287,863 barrels of refinery products.

Employment and wages, compared with last year, showed little change in the month under review, with 1,656 employees earning \$772,311 as against 1,694 employees with earnings of \$778,237 in 1957.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Revised.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

504-508-48

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first four months of 1958, per table 6	153,578,603
Received into Trunk Lines from other Canadian Pipe Lines	58,892,159
"Net Received" into Canadian Pipe Line Systems	94,686,444
"Net Received" into Trunk Systems per table 1	43,155,753
"Net Received" into Gathering Systems per table 2	51,530,691
Total Delivered out of Systems - all companies -	
during first four months of 1958, per table 6	154,281,385
Delivered to other Canadian Pipe Lines	62,154,294
"Net Delivered" from Canadian Pipe Line Systems	92,127,091
"Net Delivered" from Trunk Systems per table 1	91,382,799
"Net Delivered" from Gathering Systems per table 2	744,292

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - April 30, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to April 30, 1958	52,603,716	
Received into Trunk Systems January 1 to April 30, 1958	135,655,395	188,259,111
Total oil accountable for period		199,469,640
Delivered from Gathering Systems January 1 to April 30, 1958	52,689,154	
Delivered from Trunk Systems January 1 to April 30, 1958	135,200,043	187,889,197
Balance to be accounted for at April 30, 1958		11,580,443
Oil consumed as fuel and losses January 1 to April 30, 1958		154,336
Balance on hand - April 30, 1958		11,426,107
Total Shippers Balances - April 30, 1958	10,358,199	
Total Carriers Balances - April 30, 1958	1,067,908	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with the current report, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
April, 1957	2,794,252	-	380,316
March, 1958	3,155,481	1,611,215	220,539
April, 1958	2,754,483	1,234,216	202,246

TABLE 1

OIL[‡] CARRIED BY PIPE LINES - TRUNK

	April 1958	March 1958	April x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	29,186,163	35,449,609	35,297,520	135,655,395
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,177,348	8,651,610	8,733,267	33,607,483
3. Other pipe lines - Gathering	4,716,285	5,831,175	4,217,356	21,193,837
4. Trunk	8,219,969	9,818,941	11,195,361	37,698,322
5. Net Received (6+7+8)	9,072,561	11,147,883	11,151,536	43,155,753
6. Originating on own trunk lines	3,583,403	4,204,724	4,049,892	16,434,453
7. Received from foreign pipe line connections	5,351,215	6,672,157	6,913,332	25,591,960
8. Received from other carriers (rail & truck)	137,943	271,002	188,312	1,129,340
9. Total Delivered * (10+11)	29,462,629	35,412,501	34,949,429	135,200,043
10. Less: Delivered to other Canadian trunk lines	9,621,369	11,565,838	10,797,730	43,817,244
11. Net Delivered (12+13+14)	19,841,260	23,846,663	24,151,699	91,382,799
12. Terminated on own trunk lines	13,020,265	15,513,093	15,531,109	60,269,973
13. Delivered to foreign pipe line connections	6,796,587	8,303,737	7,267,755	30,932,775
14. Delivered to other carriers (truck, rail & water)	24,408	29,833	1,352,835	180,051

TABLE 2

OIL[‡] CARRIED BY PIPE LINES - GATHERING

	April 1958	March 1958	April x 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	11,637,261	13,734,466	14,204,081	52,603,716
16. Less: Received from other gathering systems	487,152	585,873	-	1,073,025
17. Net Received (18+19)	11,150,109	13,148,593	14,204,081	51,530,691
18. Originating on own gathering system	11,060,653	12,932,442	14,177,139	50,874,048
19. Received from other carriers (rail & truck)	89,456	216,151	26,942	656,643
20. Total Delivered * (21+22+23)	11,639,300	13,874,299	14,191,864	52,689,154
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,177,348	8,651,610	8,733,267	33,607,812
22. Other pipe lines	4,226,766	5,026,951	5,268,439	18,337,050
23. Net Delivered (24+25)	235,186	195,738	190,158	744,292
24. Terminated on gathering systems	87,107	101,247	50,739	343,392
25. Delivered to other carriers (rail & truck)	148,079	94,491	139,419	400,900

[‡] Includes natural gasoline and refinery products.

* Includes duplications.

[‡] Includes natural gasoline.

x Revised.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		April 1958	March 1958	April x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,650,346	9,268,185	11,654,770	36,954,773
"	- Trunk	376,672	428,633	488,688	1,622,854
Saskatchewan	- Gathering	3,038,841	3,367,444	2,088,995	12,617,398
"	- Trunk	112,742	219,700	126,633	1,002,019
Manitoba	- Gathering	460,922	512,964	460,316	1,958,520
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,251,768	2,478,380	1,958,545	9,691,092
Quebec (3)	- Trunk	6,331,379	8,021,170	8,577,670	30,839,788
Net Received	- Gathering	11,150,109	13,148,593	14,204,081	51,530,691
" "	- Trunk	9,072,561	11,147,883	11,151,536	43,155,753
" "	- Total	20,222,670	24,296,476	25,355,617	94,686,444

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		April 1958	March 1958	April x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,416,681	3,071,139	6,016,816	11,612,892
Alberta (1)	- Gathering	126,572	134,607	86,881	486,626
"	- Trunk	1,083,732	991,868	880,775	4,211,335
Saskatchewan	- Gathering	108,614	61,131	103,277	257,666
"	- Trunk	1,204,501	1,401,922	1,100,662	5,304,877
Manitoba †	- Trunk	6,604,807	7,870,477	5,655,779	29,763,229
Ontario (2)	- Trunk	3,229,870	3,857,322	3,612,628	14,980,299
Quebec	- Trunk	5,301,669	6,653,935	6,885,039	25,510,167
Net Delivered	- Gathering	235,186	195,738	190,158	744,292
" "	- Trunk ‡	19,841,260	23,846,663	24,151,699	91,382,799
" "	- Total	20,076,446	24,042,401	24,341,857	92,127,091
" "	- Daily average	669,215	775,561	811,395	767,726
†	Includes deliveries to U.S. pipe lines, Gretna, Man.	5,867,836	6,977,290	4,763,684	26,069,520
‡	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	928,751 1,493,654	1,326,447 2,074,860	3,838,628 1,574,862	4,863,255 7,165,783

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		April 1958	March 1958	April x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	387,977	447,558	473,062	439,076
Trunk Lines	"	982,088	1,142,339	1,164,981	1,126,667
Total Barrel Miles (Trunk Lines)	Millions	7,367	8,910	9,997	33,357
Average Miles Per Barrel (Trunk Lines)	Miles	242.6	243.6	285.4	239.0
Employees and Earnings (6)					
Average Number (4)	No.	1,656	1,662	1,694	1,660
Total Salaries and Wages	\$	772,311	772,788	778,237	3,089,785
Man-Hours Worked by Wage Earners (5) (6)	Hours	73,463	71,040	77,077	284,736

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

* Revised.

TABLE 6
TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES
April, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month April, 1958	2,140,806	8,286,731	5,351,215	2,290,148	2,603,462	(2) 12,486,562	33,158,924
This year (4 months)	11,081,244	36,934,897	25,591,960	11,674,592	11,667,029	(3) 56,628,881	153,578,603
<u>Total Delivered out of System</u>							
This month April, 1958	2,142,209	8,287,242	5,301,669	2,416,681	2,708,722	(4) 13,068,058	33,924,581
This year (4 months)	11,079,276	36,730,396	25,510,167	11,612,892	11,572,977	(5) 57,775,677	154,281,385
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month April, 1958	71,407	-	-	-	86,439	230,131	387,977
This year (4 months)	92,327	-	-	-	96,842	249,907	439,076
<u>Trunk Lines</u>							
This month April, 1958	-	276,241	176,722	80,556	90,291	358,278	982,088
This year (4 months)	-	306,087	212,585	96,774	96,441	414,780	1,126,667
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month April, 1958	-	3,924	390	1,685	188	1,180	(8) 7,367
This year (4 months)	-	17,238	1,880	7,884	804	5,551	(8) 33,357
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month April, 1958	-	447.0	73.6	697.0	69.5	109.7	242.6
This year (4 months)	-	441.0	73.7	679.0	69.5	111.4	239.0
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				<u>Number</u>			
Number of Employees April, 1958	154	417	54	245	165	(6) 621	1,656
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month April, 1958	68,419	208,594	23,608	124,568	71,925	(6) 275,197	772,311
This year (4 months)	270,292	818,879	93,952	528,892	289,750	(6) 1,088,020	3,089,785
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month April, 1958	18,113	560	5,905	-	15,497	(6) 33,388	73,463
This year (4 months)	70,359	1,296	23,973	400	61,450	(6) 127,258	284,736

* Totals include duplication between companies.

1) See list of reporting companies on page 7.

2) Includes 3,287,863 bbls. products and 45,931 bbls. natural gasoline.

3) Includes 15,232,179 bbls. products and 200,204 bbls. natural gasoline.

4) Includes 3,282,422 bbls. products and 47,992 bbls. natural gasoline.

5) Includes 15,271,557 bbls. products and 197,267 bbls. natural gasoline.

6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

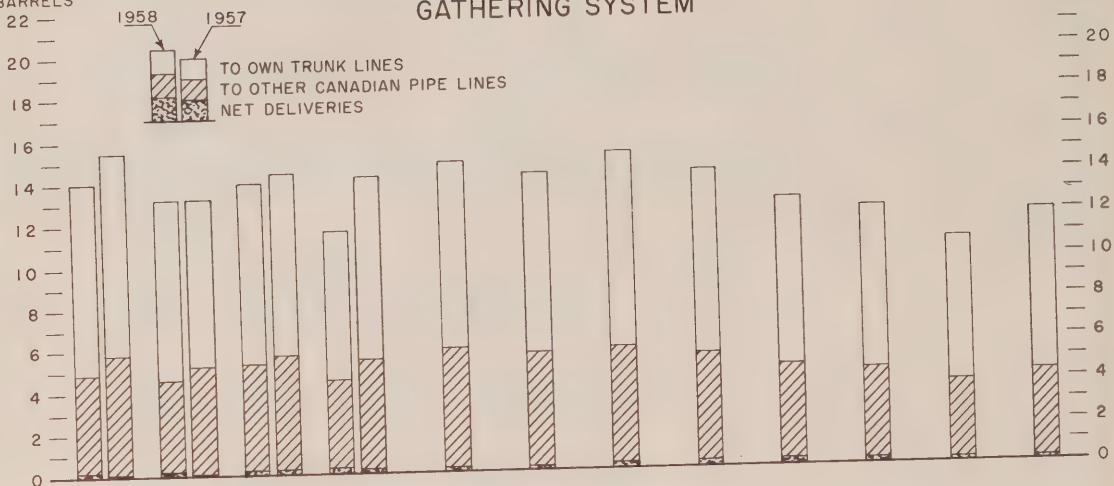
8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

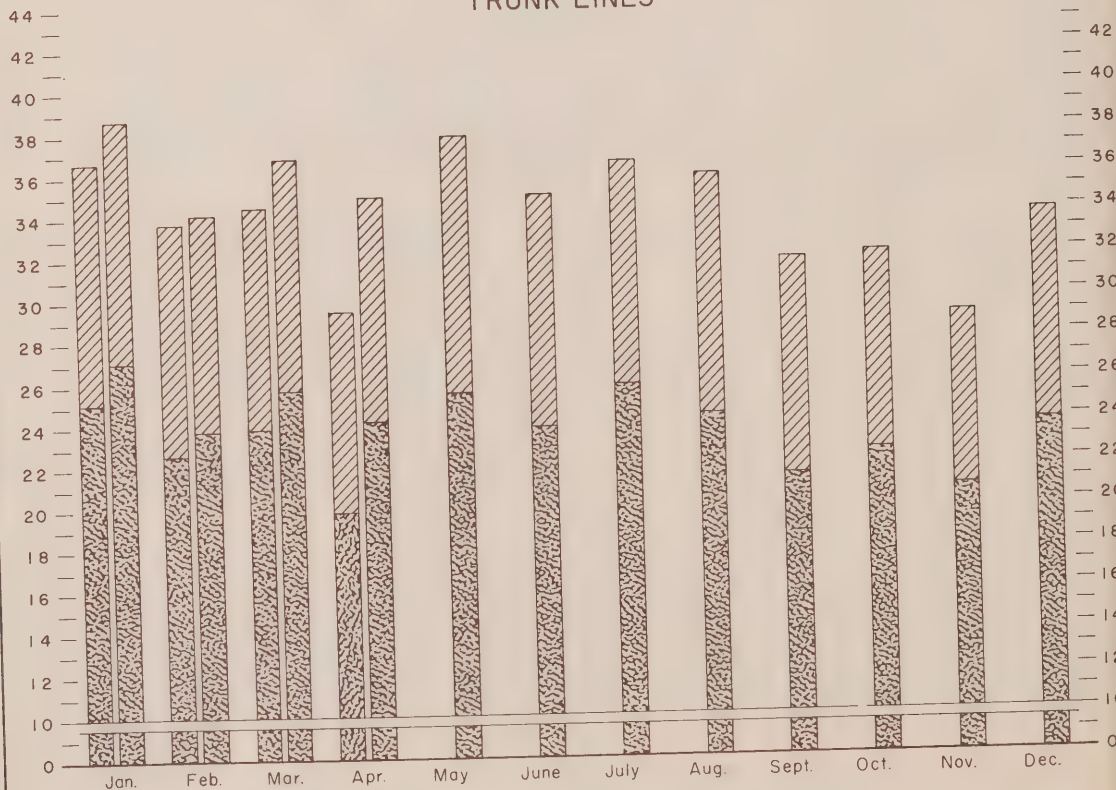
MILLION
BARRELS

MILLION
BARRELS

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited



PIPE LINES (OIL) STATISTICS

May, 1958

Net deliveries of oil from Canadian pipe lines during May amounted to 20,771,730 barrels compared with 25,742,806 in May, 1957, a decrease of 19.3 p.c. As in the previous month the decrease in exports, to 2,283,620 barrels from 6,009,374, was largely responsible for this drop. The average net delivery of 670,056 barrels per day was less than in May 1957, by 160,357 barrels. The average length of haul declined to 231.9 miles from 287.7 in 1957 and 242.6 in the previous month, and barrel miles dropped to 7,256 million, the lowest this year.

For the five months ended May 31, 1958, total net deliveries, from both gathering and trunk lines, aggregated 112,897,339 barrels, a decrease of 11.2 p.c. from 127,085,284 barrels reported for the same period one year ago. Provincial deliveries for the period, in barrels, were as follows (1957 data in brackets): British Columbia 13,869,776 (28,994,303); Alberta 5,965,650 (4,742,193); Saskatchewan 6,580,393 (7,057,310); Manitoba 36,617,157 (31,440,569); Ontario 17,923,005 (20,201,605); and Quebec 31,941,358 (34,649,304). Included in Manitoba deliveries were 32,022,610 barrels (26,909,459) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 379,363 barrels per day, 20.8 p.c. below the average of 478,725 barrels for May 1957 but only slightly below the April figure of 387,927. Trunk lines averaged 977,464 barrels per day as against 1,219,532 barrels one year ago and 982,088 barrels in April.

Net receipts during May totalled 21,319,394 barrels, a decrease of 25.7 p.c. from the 26,797,249 barrels reported in the corresponding month last year, but a slight increase over the 20,221,188 barrels shown last month. The month's receipts were comprised of 7,940,701 barrels of Alberta crude and 39,094 barrels of Alberta natural gasoline, 3,345,256 barrels of Saskatchewan crude, 521,909 barrels of Manitoba crude, 6,439,200 barrels of imported crude and 3,033,234 barrels of refinery products.

Although employment showed a slight rise over the April figure, compared with the corresponding month last year it was down, dropping to 1,681 from 1,791. Total payroll also was down at \$773,723 compared with \$832,334.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first five months of 1958, per table 6	188,260,050
Received into Trunk Lines from other Canadian Pipe Lines	72,255,694
"Net Received" into Canadian Pipe Line Systems	116,004,356
"Net Received" into Trunk Systems per table 1	53,208,862
"Net Received" into Gathering Systems per table 2	62,795,494
Total Delivered out of Systems - all companies - during first five months of 1958, per table 6	189,176,726
Delivered to other Canadian Pipe Lines	76,279,387
"Net Delivered" from Canadian Pipe Line Systems	112,897,339
"Net Delivered" from Trunk Systems per table 1	111,954,936
"Net Delivered" from Gathering Systems per table 2	942,403

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for May and are given herewith:

OIL BALANCE - ALL COMPANIES - May 31, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to May 31, 1958	64,339,442	
Received into Trunk Systems January 1 to May 31, 1958	166,236,849	230,576,291
Total oil accountable for period		241,786,820
Delivered from Gathering Systems January 1 to May 31, 1958	64,447,926	
Delivered from Trunk Systems January 1 to May 31, 1958	165,501,422	229,949,348
Balance to be accounted for at May 31, 1958		11,837,472
Oil consumed as fuel and losses January 1 to May 31, 1958		197,022
Balance on hand - May 31, 1958		11,640,450
Total Shippers Balances - May 31, 1958	10,524,850	
Total Carriers Balances - May 31, 1958	1,115,600	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
May, 1957	3,555,141	-	563,795
April, 1958	2,754,483	1,234,216	202,246
May, 1958	2,749,672	1,294,810	185,363

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	May 1958	April 1958	May 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	30,581,454	29,186,163	38,018,799	166,236,849
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,164,810	7,177,348	8,932,084	40,772,293
3. Other pipe lines - Gathering	5,041,859	4,716,285	4,783,772	26,235,696
4. Trunk	8,321,676	8,219,969	12,310,984	46,019,998
5. <u>Net Received (6+7+8)</u>	10,053,109	9,072,561	11,991,959	53,208,862
6. Originating on own trunk lines	3,334,344	3,583,403	3,986,551	19,768,797
7. Received from foreign pipe line connections	6,439,200	5,351,215	7,485,731	32,031,160
8. Received from other carriers (rail & truck)	279,565	137,943	519,677	1,408,905
9. <u>Total Delivered * (10+11)</u>	30,301,379	29,462,629	37,805,480	165,501,422
10. Less: Delivered to other Canadian trunk lines	9,729,242	9,621,369	12,255,692	53,546,486
11. <u>Net Delivered (12+13+14)</u>	20,572,137	19,841,260	25,549,788	111,954,936
12. Terminated on own trunk lines	13,994,800	13,020,265	15,752,075	74,264,773
13. Delivered to foreign pipe line connections	6,550,963	6,796,587	7,941,618	37,483,738
14. Delivered to other carriers (truck, rail & water)	26,374	24,408	1,856,095	206,425

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	May 1958	April ^x 1958	May 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	11,737,208	11,635,779	14,805,290	64,339,442
16. Less: Received from other gathering systems	470,923	487,152	-	1,543,948
17. <u>Net Received (18+19)</u>	11,266,285	11,148,627	14,805,290	62,795,494
18. Originating on own gathering system	11,052,864	11,059,171	14,559,541	61,925,430
19. Received from other carriers (rail & truck)	213,421	89,456	245,749	870,064
20. <u>Total Delivered * (21+22+23)</u>	11,760,254	11,637,818	14,840,477	64,447,926
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,164,810	7,177,348	8,932,084	40,772,622
22. Other pipe lines	4,395,851	4,226,766	5,715,375	22,732,901
23. <u>Net Delivered (24+25)</u>	199,593	233,704	193,018	942,403
24. Terminated on gathering systems	89,167	87,107	58,806	432,559
25. Delivered to other carriers (rail & truck)	110,426	146,597	134,212	509,844

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[‡] Includes natural gasoline.

X Revised

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		May 1958	April * 1958	May 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,646,279	7,648,864	12,229,221	44,599,570
"	- Trunk	396,108	376,672	477,777	2,018,962
Saskatchewan	- Gathering	3,098,097	3,038,841	2,085,071	15,715,495
"	- Trunk	247,159	112,742	478,724	1,249,178
Manitoba	- Gathering	521,909	460,922	490,998	2,480,429
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,855,307	2,251,768	1,970,148	11,546,399
Quebec (3)	- Trunk	7,554,535	6,331,379	9,065,310	38,394,323
Net Received	- Gathering	11,266,285	11,148,627	14,805,290	62,795,494
"	- Trunk	10,053,109	9,072,561	11,991,959	53,208,862
"	- Total	21,319,394	20,221,188	26,797,249	116,004,356

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		May 1958	April * 1958	May 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,256,884	2,416,681	6,220,944	13,869,776
Alberta (1)	- Gathering	132,354	125,090	104,361	617,498
"	- Trunk	1,136,817	1,083,732	622,731	5,348,152
Saskatchewan	- Gathering	67,239	108,614	88,657	324,905
"	- Trunk	950,611	1,204,501	1,174,648	6,255,488
Manitoba †	- Trunk	6,853,928	6,604,807	6,474,841	36,617,157
Ontario (2)	- Trunk	2,942,706	3,229,870	3,542,655	17,923,005
Quebec	- Trunk	6,431,191	5,301,669	7,513,969	31,941,358
Net Delivered	- Gathering	199,593	233,704	193,018	942,403
"	- Trunk †	20,572,137	19,841,260	25,549,788	111,954,936
"	- Total	20,771,730	20,074,964	25,742,806	112,897,339
"	- Daily average	670,056	669,165	830,413	747,664
† Includes deliveries to U.S. pipe lines, Grctna, Man.		5,953,090	5,867,836	5,575,152	32,022,610
† Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		597,873 1,685,747	928,751 1,493,654	4,205,534 1,803,840	5,461,128 8,851,530

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		May 1958	April * 1958	May * 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	379,363	387,927	478,725	426,807
Trunk Lines	"	977,464	982,088	1,219,532	1,096,036
Total Barrel Miles (Trunk Lines)	Millions	7,256	7,367	10,901*	40,612
Average Miles Per Barrel (Trunk Lines)	Miles	231.9	242.6	287.7	237.7
Employees and Earnings (6)					
Average Number (4)	No.	1,681	1,656	1,791	1,664
Total Salaries and Wages	\$	773,723	772,311	832,334	3,862,508
Man-Hours Worked by Wage Earners (5) (6)	Hours	72,960	73,463	90,912	357,695

- (1) Includes natural gasoline and some refinery products.
 (2) Products of refineries.
 (3) Includes some products.
 (4) Includes salaried employees.
 (5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).
 x Revised

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

May, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				<u>Barrels</u>			
<u>Total Received into System</u>						(2)	
This month May, 1958	2,179,569	8,279,020	6,439,200	2,408,726	2,526,221	12,850,193	34,682,929
This year (5 months)	13,260,813	45,213,917	32,031,160	14,083,318	14,193,250	(3) 69,477,592	188,260,050
<u>Total Delivered out of System</u>						(4)	
This month May, 1958	2,186,234	8,119,435	6,431,191	2,256,884	2,591,784	13,311,295	34,896,823
This year (5 months)	13,265,510	44,849,831	31,941,358	13,869,776	14,164,761	(5) 71,085,490	189,176,726
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month May, 1958	70,524	-	-	-	81,678	227,161	379,363
This year (5 months)	87,851	-	-	-	93,728	245,228	426,807
<u>Trunk Lines</u>							
This month May, 1958	-	261,917	207,458	72,803	83,606	351,680	977,464
This year (5 months)	-	297,019	211,532	91,853	93,806	401,826	1,096,036
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							(8)
This month May, 1958	-	3,900	473	1,514	180	1,189	7,256
This year (5 months)	-	21,138	2,353	9,398	984	6,739	(8) 40,612
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month May, 1958	-	452.0	73.6	671.0	69.5	109.0	231.9
This year (5 months)	-	443.0	73.7	678.0	69.5	111.0	237.7
OPERATING REVENUES				<u>Dollars</u>		(7)	
Three Months ending Mar.31,1958	740,332	6,851,428	692,787	4,022,400	1,195,323	6,835,979	20,338,249
Six Months ending June 30,							
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				<u>Number</u>		(6)	
Number of Employees May, 1958	147	429	55	244	164	642	1,681
<u>Salaries and Wages</u>				<u>Dollars</u>		(6)	
This month May, 1958	67,587	206,748	25,396	122,463	71,814	279,715	773,723
This year (5 months)	337,879	1,025,627	119,348	651,355	361,564	1,366,735	3,862,508
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>		(6)	
This month May, 1958	17,711	248	6,783	-	15,238	(6) 32,980	72,960
This year (5 months)	88,070	1,544	30,756	400	76,688	(6) 160,237	357,695

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,033,234 bbls.products and 39,094 bbls. natural gasoline.

(3) Includes 18,265,412 bbls.products and 239,298 bbls. natural gasoline

(4) Includes 3,005,257 bbls.products and 33,329 bbls. natural gasoline

(5) Includes 18,276,814 bbls.products and 230,596 bbls. natural gasoline.

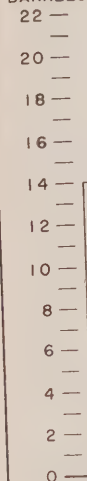
(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

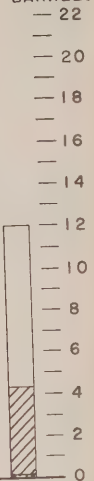
MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

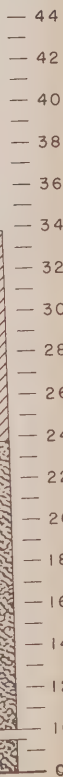
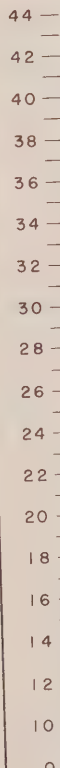


GATHERING SYSTEM

MILLION
BARRELS



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 8 No. 6

PIPE LINES (OIL) STATISTICS

Price: \$1.00 per year

JUNE, 1958

Net deliveries of oil through Canadian pipe lines amounted to 21,957,542 barrels in June, down 8.4 p.c. from the 23,983,427 barrels recorded in June 1957, but up 5.7 p.c. from the previous month's total of 20,771,730. The daily average delivery of 731,918 barrels compared with 799,448 last June and 670,056 in May. Barrel miles declined to 7,493 million from 8,459 million one year ago, but rose 3.3 p.c. over the May figure of 7,256 million. The average length of haul at 236.3 miles compared with 241.1 last June and 231.9 in May. Exports at 2,737,047 barrels showed an increase of 19.8 p.c. over the previous month but fell short of last year's total by 30.4 p.c.

For the first half of the year total net deliveries from both gathering and trunk lines dropped 10.7 p.c. to 134,854,881 barrels from 151,068,711 reported for the corresponding period last year. Provincial deliveries, in barrels, for the first six months of the year were as follows (1957 data in brackets): British Columbia 16,342,276 (33,180,134); Alberta 7,375,236 (5,803,337); Saskatchewan 7,656,628 (8,863,978); Manitoba 43,602,209 (38,104,205); Ontario 21,264,373 (23,228,415); and Quebec 38,614,159 (41,888,642). Included in Manitoba deliveries were 38,341,379 barrels (32,732,401) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 389,235 barrels per day in June, a decrease of 17.6 p.c. from the June 1957 average of 472,649 but a slight increase over the 379,363 barrels recorded in May. Trunk lines averaged 1,038,784 barrels per day, down 10.8 p.c. from last year's 1,164,437 barrels but up 6.3 p.c. from the May average of 977,644.

Net receipts during June totalled 21,766,101 barrels, a decrease of 14.6 p.c. from 25,484,200 barrels last year, but a slight increase over last month's total of 21,319,394. Comprising June receipts were 7,947,971 barrels of Alberta crude and 35,423 barrels of Alberta natural gasoline, 3,322,032 barrels of Saskatchewan crude, 498,146 barrels of Manitoba crude, 6,591,109 barrels of imported crude and 3,371,420 barrels of refinery products.

Employment and earnings during June, dropped to 1,691 employees earning \$777,296, from 1,822 employees earning \$823,059 one year ago, and compares with 1,681 employees and a payroll of \$773,723 last month.

Operating revenues for the first half of the year decreased \$9,665,350, or 20.3 p.c., to \$37,900,656 from \$47,566,006 in the corresponding period last year. Of this decrease \$8,838,863 or 91.4 p.c. was accounted for by the Trans Mountain Oil Pipe Line Company.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-68

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first six months of 1958, per table 6	222,696,480
Received into Trunk Lines from other Canadian Pipe Lines	84,926,023
"Net Received" into Canadian Pipe Line Systems	137,770,457
"Net Received" into Trunk Systems per table 1	63,758,987
"Net Received" into Gathering Systems per table 2	74,011,470
Total Delivered out of Systems - all companies -	
during first six months of 1958, per table 6	224,561,620
Delivered to other Canadian Pipe Lines	89,706,739
"Net Delivered" from Canadian Pipe Line Systems	134,854,881
"Net Delivered" from Trunk Systems per table 1	133,788,829
"Net Delivered" from Gathering Systems per table 2	1,066,052

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for June and are given herewith.

OIL BALANCE - ALL COMPANIES - June 30, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to June 30, 1958	76,101,497	
Received into Trunk Systems January 1 to June 30, 1958	196,912,971	273,014,468
Total oil accountable for period		284,224,997
Delivered from Gathering Systems January 1 to June 30, 1958	76,124,968	
Delivered from Trunk Systems January 1 to June 30, 1958	196,664,942	272,789,910
Balance to be accounted for at June 30, 1958		11,435,087
Oil consumed as fuel and losses January 1 to June 30, 1958		211,921
Balance on hand - June 30, 1958		11,223,166
Total Shippers Balances - June 30, 1958	10,099,739	
Total Carriers Balances - June 30, 1958	1,123,427	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
June, 1957	3,540,485		494,667
May, 1958	2,749,672	1,294,810	184,756
June, 1958	3,719,539	636,477	182,690

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	June 1958	May 1958	June 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	30,676,122	30,581,454	35,632,601	196,912,971
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,455,668	7,164,810	8,594,681	48,227,961
3. Other pipe lines - Gathering	5,850,824	5,041,859	4,847,084	32,086,520
4. Trunk	6,819,505	8,321,676	10,874,816	52,839,503
5. <u>Net Received (6+7+8)</u>	10,550,125	10,053,109	11,316,020	63,758,987
6. Originating on own trunk lines	3,665,247	3,334,344	3,435,104	23,434,044
7. Received from foreign pipe line connections	6,591,109	6,439,200	7,268,937	38,622,269
8. Received from other carriers (rail & truck)	293,769	279,565	611,979	1,702,674
9. <u>Total Delivered * (10+11)</u>	31,163,520	30,301,379	34,933,118	196,664,942
10. Less: Delivered to other Canadian trunk lines	9,329,627	9,729,242	11,132,944	62,876,113
11. <u>Net Delivered (12+13+14)</u>	21,833,893	20,572,137	23,800,174	133,788,829
12. Terminated on own trunk lines	14,627,579	13,994,800	15,777,007	88,892,352
13. Delivered to foreign pipe line connections	7,064,964	6,550,963	7,588,782	44,548,702
14. Delivered to other carriers (truck, rail & water)	141,350	26,374	434,385	347,775

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	June 1958	May 1958	June 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	11,762,055	11,737,208	14,168,180	76,101,497
16. Less: Received from other gathering systems	546,079	470,923	-	2,090,027
17. <u>Net Received (18+19)</u>	11,215,976	11,266,285	14,168,180	74,011,470
18. Originating on own gathering system	10,986,069	11,052,864	13,994,414	72,911,499
19. Received from other carriers (rail & truck)	229,907	213,421	173,766	1,099,971
20. <u>Total Delivered * (21+22+23)</u>	11,677,042	11,760,254	14,179,495	76,124,968
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,455,668	7,164,810	8,594,681	48,228,290
22. Other pipe lines	4,097,725	4,395,851	5,401,561	26,830,626
23. <u>Net Delivered (24+25)</u>	123,649	199,593	183,253	1,066,052
24. Terminated on gathering systems	61,738	89,167	67,387	494,297
25. Delivered to other carriers (rail & truck)	61,911	110,426	115,866	571,755

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[†] Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		June 1958	May 1958	June x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	7,664,600	7,646,279	11,430,976	52,264,170
"	- Trunk	378,751	396,108	577,656	2,397,713
Saskatchewan	- Gathering	3,053,230	3,098,097	2,228,442	18,768,725
"	- Trunk	268,802	247,159	445,232	1,517,980
Manitoba	- Gathering	498,146	521,909	508,762	2,978,575
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,084,622	1,855,307	1,544,964	13,631,021
Quebec (3)	- Trunk	7,817,950	7,554,535	8,748,168	46,212,273
Net Received	- Gathering	11,215,976	11,266,285	14,168,180	74,011,470
" "	- Trunk	10,550,125	10,053,109	11,316,020	63,758,987
" "	- Total	21,766,101	21,319,394	25,484,200	137,770,457

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		June 1958	May 1958	June 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,472,500	2,256,884	4,185,831	16,342,276
Alberta (1)	- Gathering	101,741	132,354	119,220	719,239
"	- Trunk	1,307,845	1,136,817	941,924	6,655,997
Saskatchewan	- Gathering	21,908	67,239	64,033	346,813
"	- Trunk	1,054,327	950,611	1,742,635	7,309,815
Manitoba	- Trunk	6,985,052	6,853,928	6,663,636	43,602,209
Ontario (2)	- Trunk	3,341,368	2,942,706	3,026,810	21,264,373
Quebec	- Trunk	6,672,801	6,431,191	7,239,338	38,614,159
Net Delivered	- Gathering	123,649	199,593	183,253	1,066,052
" "	- Trunk	21,833,893	20,572,137	23,800,174	133,788,829
" "	- Total	21,957,542	20,771,730	23,983,427	134,854,881
" "	- Total (daily average)	731,918	670,056	799,448	745,055
Includes deliveries to U.S. pipe lines, Grctna, Man.		6,318,769	5,953,090	5,822,942	38,341,379
Includes exports - via Trans Mountain Oil Pipe Line Company		868,763	597,873	2,187,960	6,329,891
via Interprovincial Pipe Line Company		1,868,284	1,685,747	1,743,437	10,719,814

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		June 1958	May 1958	June x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	389,235	379,363	472,649	420,580
Trunk Lines	"	1,038,784	977,464	1,164,437	1,086,547
Total Barrel Miles (Trunk Lines)	Millions	7,493	7,256	8,459*	48,106
Average Miles Per Barrel (Trunk Lines)	Miles	236.3	231.9	241.1	237.5
Employees and Earnings (6)					
Average Number (4)	No.	1,691	1,681	1,822	1,668
Total Salaries and Wages	\$	777,296	773,723	823,059	4,639,804
Man-Hours Worked by Wage Earners (5) (6)	Hours	70,080	73,980*	82,296	428,816

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

June, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month June, 1958	2,081,174	8,203,323	6,591,109	2,189,288	2,677,275	(2) 12,694,261	34,436,430
This year (6 months)	15,341,987	53,417,240	38,622,269	16,272,606	16,870,525	(3) 82,171,853	222,696,480
<u>Total Delivered out of System</u>							
This month June, 1958	2,039,319	8,284,541	6,672,801	2,472,500	2,669,938	(4) 13,245,795	35,384,894
This year (6 months)	15,304,829	53,134,372	38,614,159	16,342,276	16,834,699	(5) 84,331,285	224,561,620
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month June, 1958	67,977	-	-	-	87,795	233,463	389,235
This year (6 months)	84,557	-	-	-	92,745	243,278	420,580
<u>Trunk Lines</u>							
This month June, 1958	-	276,151	222,427	82,417	88,998	368,791	1,038,784
This year (6 months)	-	293,560	213,338	90,289	93,009	396,351	1,086,547
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month June, 1958	-	3,932	491	1,666	186	1,218	(8) 7,493
This year (6 months)	-	25,070	2,845	11,064	1,170	7,957	(8) 48,106
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month June, 1958	-	459.0	73.6	674.0	69.5	100.8	236.3
This year (6 months)	-	445.0	73.7	677.0	69.5	108.6	237.5
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar.31,1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,131,469	37,900,656
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees June, 1958</u>	145	444	55	<u>Number</u>	159	(6) 644	1,691
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month June, 1958	63,134	216,227	26,131	123,793	69,058	(6) 278,953	777,296
This year (6 months)	401,013	1,241,854	145,479	775,148	430,622	(6) 1,645,688	4,639,804
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month June, 1958	15,670	655	6,724	-	14,082	(6) 32,949	70,080
This year (6 months)	103,740	2,199	37,480	400	89,770	(6) 194,227	428,816

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,371,420 bbls. products and 35,423 bbls. natural gasoline.

(3) Includes 21,636,832 bbls. products and 274,721 bbls. natural gasoline.

(4) Includes 3,400,975 bbls. products and 36,556 bbls. natural gasoline.

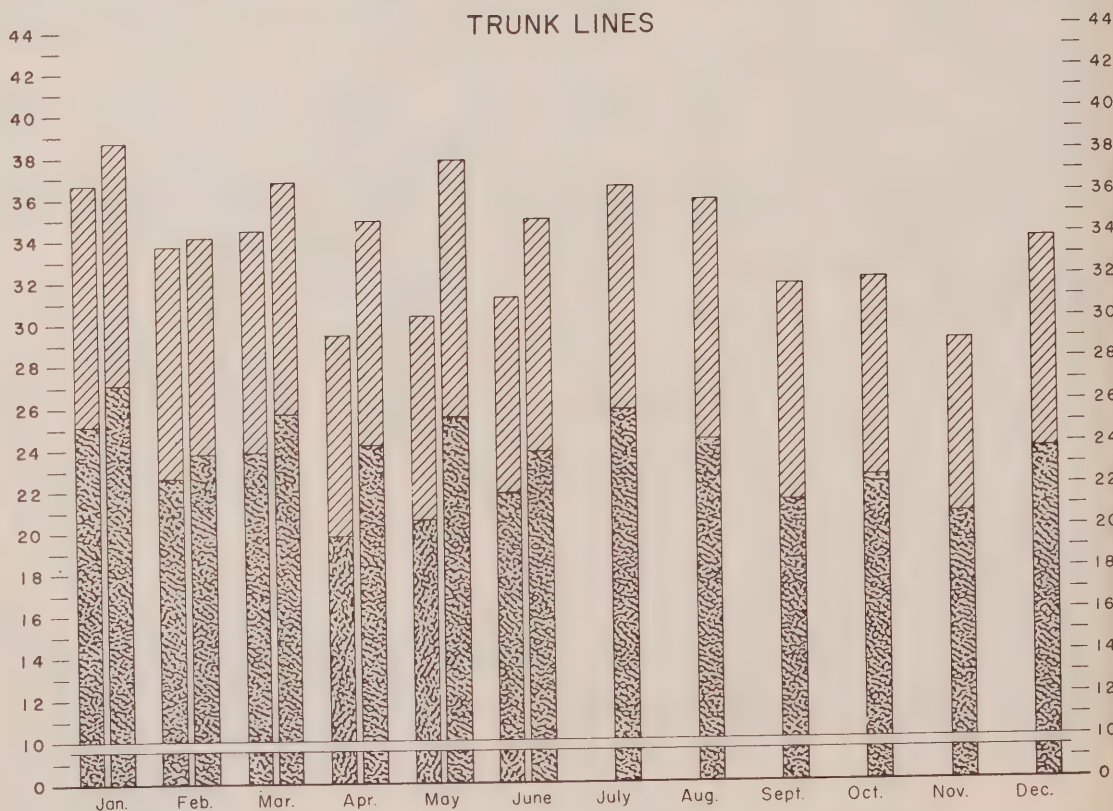
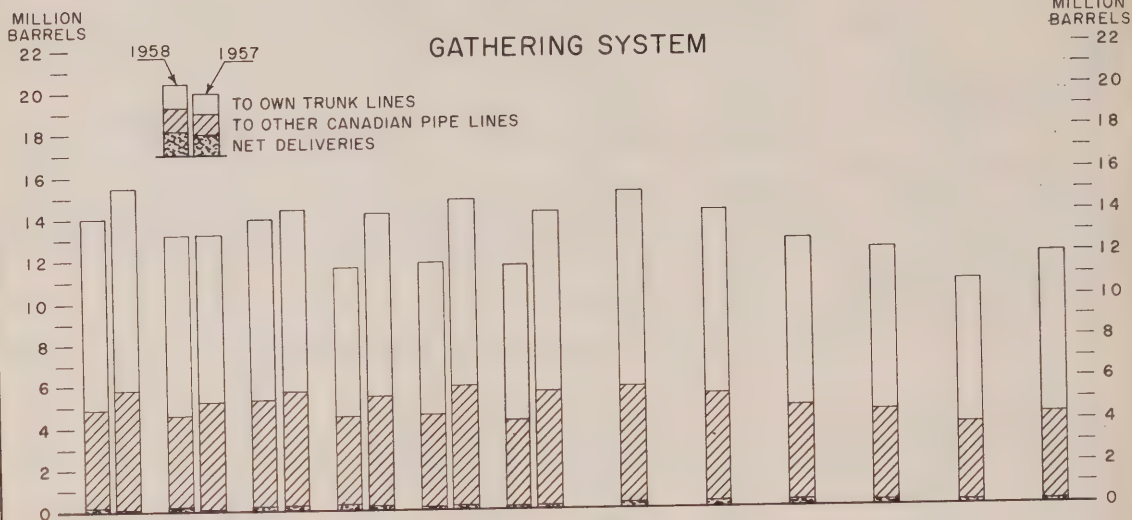
(5) Includes 21,677,789 bbls. products and 267,152 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited



PIPE LINES (OIL) STATISTICS

JULY, 1958

Net deliveries of oil from Canadian pipe lines in July rose 8.8 p.c. to 23,884,418 barrels from 21,957,542 in June but were still more than 2 million barrels or 8.3 p.c. below the July 1957 total of 26,036,018. Of this decrease 92 p.c. was due to the continued decline in exports, which dropped 43 p.c. to 2,611,660 barrels from 4,598,506 in the previous July. The daily average of 770,465 barrels compares with 839,872 last year and 731,918 in the previous month. Barrel miles, in millions, declined 16.8 p.c. to 8,449 from 10,158 in the corresponding month last year, while the average length of haul dropped to 244.7 miles from 277.9.

For the seven months ended July 31, 1958, total net deliveries from both gathering and trunk lines amounted to 158,739,299 barrels as compared with 177,104,729 for the same period last year, a decrease of 10.4 p.c. Provincial deliveries for the period, in barrels, were as follows (1957 data in brackets): British Columbia 19,071,541 (38,421,663); Alberta 9,315,389 (7,846,089); Saskatchewan 8,959,348 (10,372,952); Manitoba 51,320,819 (45,092,995); Ontario 24,694,942 (26,490,051); and Quebec 45,377,260 (48,880,979). Included in Manitoba deliveries were 45,270,321 barrels (38,959,099) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 454,745 barrels per day in July, a decrease of 6.6 p.c. from the July 1957 average of 486,812 barrels, but an increase of 16.8 p.c. over the 389,235 barrels last month. Trunk line deliveries at 1,113,994 barrels per day were down 5.3 p.c. from the 1,176,002 recorded in July 1957, but 7.2 p.c. above the 1,038,784 barrels in June.

Net receipts during July amounted to 24,345,534 barrels compared with 26,322,615 in the same month last year and 21,766,101 in June 1958. The month's receipts were comprised of 9,971,003 barrels of Alberta crude and 42,174 barrels of Alberta natural gasoline, 3,563,029 barrels of Saskatchewan crude, 506,921 barrels of Manitoba crude, 6,801,540 barrels of imported crude and 3,460,867 barrels of refinery products.

Employment and wages were down from the previous year, showing 1,700 employees earning \$797,884 as against 1,834 earning \$849,643, and compared with 1,691 employees and a payroll of \$777,296 last month.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first seven months of 1958, per table 6	262,607,337
Received into Trunk Lines from other Canadian Pipe Lines	100,491,346
"Net Received" into Canadian Pipe Line Systems	162,115,991
"Net Received" into Trunk Systems per table 1	74,667,348
"Net Received" into Gathering Systems per table 2	87,448,643
Total Delivered out of Systems - all companies -	
during first seven months of 1958, per table 6	264,625,939
Delivered to other Canadian Pipe Lines	105,886,640
"Net Delivered" from Canadian Pipe Line Systems	158,739,299
"Net Delivered" from Trunk Systems per table 1	157,523,211
"Net Delivered" from Gathering Systems per table 2	1,216,088

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July and are given herewith.

OIL BALANCE - ALL COMPANIES - JULY 31, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to July 31, 1958	90,186,348	
Received into Trunk systems January 1 to July 31, 1958	231,953,251	322,139,599
Total oil accountable for period		333,350,127
Delivered from Gathering systems January 1 to July 31, 1958	90,222,073	
Delivered from Trunk systems January 1 to July 31, 1958	231,198,752	321,420,825
Balance to be accounted for at July 31, 1958		11,929,302
Oil consumed as fuel and losses January 1 to July 31, 1958		259,271
Balance on hand - July 31, 1958		11,670,029
Total Shippers Balances - July 31, 1958	10,583,586	
Total Carriers Balances - July 31, 1958	1,086,438	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
July, 1957	3,297,114	-	505,775
June, 1958	3,719,539	636,477	182,690
July, 1958	3,800,667	1,061,144	165,425

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	July 1958	June 1958	July 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	35,040,280	30,676,122	36,663,907	231,953,251
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,566,596	7,455,668	9,288,353	56,794,557
3. Other pipe lines - Gathering	6,279,475	5,850,824	4,852,770	38,365,995
4. Trunk	9,285,848	6,819,505	11,337,930	62,125,351
5. <u>Net Received (6+7+8)</u>	10,908,361	10,550,125	11,184,854	74,667,348
6. Originating on own trunk lines	3,766,083	3,665,247	3,676,324	27,200,127
7. Received from foreign pipe line connections	6,801,540	6,591,109	6,975,194	45,423,809
8. Received from other carriers (rail & truck)	340,738	293,769	533,336	2,043,412
9. <u>Total Delivered * (10+11)</u>	34,533,810	31,163,520	36,456,084	231,198,752
10. Less: Delivered to other Canadian trunk lines	10,799,428	9,329,627	10,672,466	73,675,541
11. <u>Net Delivered (12+13+14)</u>	23,734,382	21,833,893	25,783,618	157,523,211
12. Terminated on own trunk lines	15,926,298	14,627,579	16,544,862	104,818,650
13. Delivered to foreign pipe line connections	7,787,337	7,064,964	9,140,762	52,336,039
14. Delivered to other carriers (truck, rail & water)	20,747	141,350	97,994	368,522

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	July 1958	June 1958	July 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	14,084,851	11,762,055	15,137,761	90,186,348
16. Less: Received from other gathering systems	647,678	546,079	-	2,737,705
17. <u>Net Received (18+19)</u>	13,437,173	11,215,976	15,137,761	87,448,643
18. Originating on own gathering system	13,225,286	10,986,069	14,987,378	86,136,785
19. Received from other carriers (rail & truck)	211,887	229,907	150,383	1,311,858
20. <u>Total Delivered * (21+22+23)</u>	14,097,105	11,677,042	15,091,174	90,222,073
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,566,596	7,455,668	9,288,353	56,794,886
22. Other pipe lines	5,380,473	4,097,725	5,550,421	32,211,099
23. <u>Net Delivered (24+25)</u>	150,036	123,649	252,400	1,216,088
24. Terminated on gathering systems	88,343	61,738	117,265	582,640
25. Delivered to other carriers (rail & truck)	61,693	61,911	135,135	633,448

[†] Includes natural gasoline and refinery products.

* Includes duplications.

† Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		July 1958	June 1958	July ^x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,683,348	7,664,600	12,263,565	61,947,518
"	- Trunk	377,152	378,751	552,075	2,774,865
Saskatchewan	- Gathering	3,246,904	3,053,230	2,335,005	22,015,629
"	- Trunk	316,125	268,802	393,456	1,834,105
Manitoba	- Gathering	506,921	498,146	539,191	3,485,496
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,997,206	2,084,622	1,520,975	15,628,227
Quebec (3)	- Trunk	8,217,878	7,817,950	8,718,348	54,430,151
Net Received	- Gathering	13,437,173	11,215,976	15,137,761	87,448,643
"	- Trunk	10,908,361	10,550,125	11,184,854	74,667,348
"	- Total	24,345,534	21,766,101	26,322,615	162,115,991

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		July 1958	June 1958	July 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,729,265	2,472,500	5,241,529	19,071,541
Alberta (1)	- Gathering	129,200	101,741	166,575	848,439
"	- Trunk	1,810,953	1,307,845	1,876,177	8,466,950
Saskatchewan	- Gathering	20,836	21,908	85,825	367,649
"	- Trunk	1,281,884	1,054,327	1,423,149	8,591,699
Manitoba	- Trunk	7,718,610	6,985,052	6,988,790	51,320,819
Ontario (2)	- Trunk	3,430,569	3,341,368	3,261,636	24,694,942
Quebec	- Trunk	6,763,101	6,672,801	6,992,337	45,377,260
Net Delivered	- Gathering	150,036	123,649	252,400	1,216,088
"	- Trunk	23,734,382	21,833,893	25,783,618	157,523,211
"	- Total	23,884,418	21,957,542	26,036,018	158,739,299
"	- Daily average	770,465	731,918	839,872	748,770
Includes deliveries to U.S. pipe lines, Grtna, Man.		6,928,942	6,318,769	6,226,698	45,270,321
Includes exports - via Trans Mountain Oil Pipe Line Company		858,395	868,763	3,000,176	7,188,286
via Interprovincial Pipe Line Company		1,753,265	1,868,284	1,598,330	12,473,079

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		July 1958	June 1958	July x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	454,745	389,235	486,812	425,576
Trunk Lines	"	1,113,994	1,038,784	1,176,002	1,090,560
Total Barrel Miles (Trunk Lines)	Millions	8,449	7,493	10,158*	56,556
Average Miles Per Barrel (Trunk Lines)	Miles	244.7	236.3	277.9	244.6
Employees and Earnings (6)					
Average Number (4)	No.	1,700	1,691	1,834	1,673
Total Salaries and Wages	\$	797,884	777,296	849,643	5,437,688
Man-Hours Worked by Wage Earners (5) (6)	Hours	73,504	70,080	90,163	502,319

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

July, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month July, 1958	2,856,308	9,820,707	6,801,540	2,989,812	2,990,569	(2)14,451,721	39,910,857
This year (7 months)	18,198,495	63,237,947	45,423,809	19,262,418	19,861,094	(3)96,623,574	262,607,337
<u>Total Delivered out of System</u>							
This month July, 1958	2,878,981	9,406,237	6,763,101	2,729,265	2,990,651	(4)15,296,084	40,064,319
This year (7 months)	18,183,810	62,540,609	45,377,260	19,071,541	19,825,350	(5)99,627,369	264,625,939
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month July, 1958	92,870	-	-	-	96,541	265,334	454,745
This year (7 months)	85,772	-	-	-	93,300	246,504	425,576
<u>Trunk Lines</u>							
This month July, 1958	-	303,427	218,165	88,041	96,473	407,888	1,113,994
This year (7 months)	-	295,003	214,044	89,960	93,516	398,037	1,090,560
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month July, 1958	-	4,470	497	1,832	208	1,442 (8)	8,449
This year (7 months)	-	29,540	3,342	12,896	1,378	9,400 (8)	56,556
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month July, 1958	-	454.0	73.5	671.0	69.5	114.0	244.7
This year (7 months)	-	447.0	73.7	676.0	69.5	111.4	244.6
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar.31,1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7)13,131,469	37,900,656
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees July, 1958</u>	149	444	55	<u>Number</u>			
				244	154	(6) 654	1,700
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month July, 1958	68,024	218,231	25,340	124,582	71,024	(6) 290,683	797,884
This year (7 months)	469,037	1,460,085	170,819	899,730	501,646	(6) 1,936,371	5,437,688
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month July, 1958	17,445	444	6,752	-	13,890	(6) 34,973	73,504
This year (7 months)	121,185	2,643	44,232	400	104,659	(6) 229,200	502,319

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,460,867 bbls. products and 42,174 bbls. natural gasoline.

(3) Includes 24,827,699 bbls. products and 316,895 bbls. natural gasoline.

(4) Includes 3,478,066 bbls. products and 40,763 bbls. natural gasoline.

(5) Includes 25,155,855 bbls. products and 307,915 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

1958 1957

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS

22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

44 —
42 —
40 —
38 —
36 —
34 —
32 —
30 —
28 —
26 —
24 —
22 —
20 —
18 —
16 —
14 —
12 —
10 —
0

TRUNK LINES

44 —
42 —
40 —
38 —
36 —
34 —
32 —
30 —
28 —
26 —
24 —
22 —
20 —
18 —
16 —
14 —
12 —
10 —
0

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

List of Oil Pipe Lines Reporting

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Britamoil Pipe Line Company, Limited
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Edmonton Pipe Line Company, Limited
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Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
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Imperial Oil Limited, Sarnia Products Pipe Line
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Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
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Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 8, No. 8

Price \$1.00 per year

PIPE LINES (OIL) STATISTICS

AUGUST, 1958

Deliveries of oil from Canadian pipe lines continued to decline, dropping 6.0 p.c. in August to 23,141,064 barrels from 24,607,743 recorded one year ago. This decline was due entirely to the reduced flow of exports which amounted to only 2,213,762 as against 4,507,400 in August last year. The daily average delivery of 714,228 barrels compares with 793,798 last year and 770,465 in July. Barrel miles, in millions, declined to 8,270 from 10,105 in August 1957, while the average length of haul fell to 245.1 miles from 281.4.

For the first eight months of the year total net deliveries from both gathering and trunk lines amounted to 181,880,363 barrels, as compared with 201,712,472 in the corresponding period last year. Provincial deliveries, in barrels were as follows (1957 data in brackets): British Columbia 21,417,431 (43,440,542); Alberta 11,160,932 (9,115,600); Saskatchewan 10,655,154 (11,999,034); Manitoba 58,940,543 (51,617,081); Ontario 28,022,628 (29,820,971); and Quebec 51,683,675 (55,719,244). Included in Manitoba deliveries were 51,909,678 barrels (44,658,278) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 421,401 barrels per day in August, a decrease of 8.0 p.c. from the 458,112 barrels reported last year, and a 7.3 p.c. decrease from last month. Trunk line deliveries at 1,088,407 barrels per day were down 5.8 p.c. from the 1,155,166 barrels recorded in August 1957, and 2.3 p.c. below the 1,113,994 barrels handled in July.

Net receipts for the month decreased 10.0 p.c. to 22,747,623 barrels from 25,264,897 in the corresponding month last year. August receipts were comprised of 8,885,625 barrels of Alberta crude and 39,521 barrels of Alberta natural gasoline, 3,678,925 barrels of Saskatchewan crude, 485,108 barrels of Manitoba crude, 6,274,050 barrels of imported crude and 3,384,394 barrels of refinery products.

Employment and wages decreased in August, with 1,690 employees earning \$787,655, as against 1,792 employees earning \$836,162 last year.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-88

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1958

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies- during first eight months of 1958, per table 6	300,223,139
Received into Trunk Lines from other Canadian Pipe Lines	115,359,525
"Net Received" into Canadian Pipe Line Systems	184,863,614
"Net Received" into Trunk Systems per table 1	84,969,215
"Net Received" into Gathering Systems per table 2	99,894,399
Total Delivered out of Systems - all companies - during first eight months of 1958, per table 6	303,214,263
Delivered to other Canadian Pipe Lines	121,333,900
"Net Delivered" from Canadian Pipe Line Systems	181,880,363
"Net Delivered" from Trunk Systems per table 1	180,529,139
"Net Delivered" from Gathering Systems per table 2	1,351,224

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith.

OIL BALANCE - ALL COMPANIES - AUGUST, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to August 31, 1958	103,226,209	
Received into Trunk systems January 1 to August 31, 1958	265,339,036	368,565,245
Total oil accountable for period		379,775,774
Delivered from Gathering systems January 1 to August 31, 1958	103,285,519	
Delivered from Trunk systems January 1 to August 31, 1958	264,939,369	368,224,888
Balance to be accounted for at August 31, 1958		11,550,886
Oil consumed as fuel and losses January 1 to August 31, 1958 ...		233,245
Balance on hand - August 31, 1958		11,317,641
Total Shippers Balances - August 31, 1958	10,212,694	
Total Carriers Balances - August 31, 1958	1,104,947	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
August, 1957	3,456,113	-	520,218
July, 1958	3,800,667	1,061,144	165,425
August, 1958	3,353,871	1,232,353	151,276

TABLE 1

OIL^d CARRIED BY PIPE LINES - TRUNK

	August 1958	July 1958	August 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. Total Received * (2+3+4+5)	33,385,785	35,040,280	35,706,526	265,339,036
Less: Received from other Canadian pipe lines				
2. Own Gathering System	8,215,739	8,566,596	8,761,800	65,010,296
3. Other pipe lines - Gathering	5,683,134	6,279,475	4,736,930	44,049,129
4. Trunk	9,185,045	9,285,848	11,081,013	71,310,396
5. Net Received (6+7+8)	10,301,867	10,908,361	11,126,783	84,969,215
6. Originating on own trunk lines	3,695,246	3,766,083	3,767,174	30,895,373
7. Received from foreign pipe line connections	6,274,050	6,801,540	6,892,479	51,697,859
8. Received from other carriers (rail & truck)	332,571	340,738	467,130	2,375,983
9. Total Delivered * (10+11)	33,740,617	34,533,810	35,810,165	264,939,369
10. Less: Delivered to other Canadian trunk lines	10,734,689	10,799,428	11,465,090	84,410,230
11. Net Delivered (12+13+14)	23,005,928	23,734,382	24,345,075	180,529,139
12. Terminated on own trunk lines	15,898,514	15,926,298	15,836,368	120,717,164
13. Delivered to foreign pipe line connections	7,068,554	7,787,337	8,367,296	59,404,593
14. Delivered to other carriers (truck, rail & water)	38,860	20,747	141,411	407,382

TABLE 2

OIL^d CARRIED BY PIPE LINES - GATHERING

	August 1958	July 1958	August 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	13,039,861	14,084,851	14,138,114	103,226,209
16. Less: Received from other gathering systems	594,105	647,678	-	3,331,800
17. Net Received (18+19)	12,445,756	13,437,173	14,138,114	100,000,000
18. Originating on own gathering system	12,234,788	13,225,286	14,003,896	98,371,933
19. Received from other carriers (rail & truck)	210,968	211,887	134,218	1,522,466
20. Total Delivered * (21+22+23)	13,063,446	14,097,105	14,201,481	103,285,519
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,215,739	8,566,596	8,761,800	65,010,625
22. Other pipe lines	4,712,571	5,380,473	5,177,013	36,923,670
23. Net Delivered (24+25)	135,136	150,036	262,668	1,351,224
24. Terminated on gathering systems	79,252	88,343	127,773	661,892
25. Delivered to other carriers (rail & truck)	55,884	61,693	134,895	689,332

^d Includes natural gasoline and refinery products.

* Includes duplications.

^b Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		August 1958	July 1958	August x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,596,394	9,683,348	11,077,372	70,543,912
"	- Trunk	389,298	377,152	578,922	3,164,163
Saskatchewan	- Gathering	3,364,254	3,246,904	2,522,625	25,379,883
"	- Trunk	314,671	316,125	322,630	2,148,776
Manitoba	- Gathering	485,108	506,921	538,117	3,970,604
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,855,061	1,997,206	1,515,223	17,483,288
Quebec (3)	- Trunk	7,742,837	8,217,878	8,710,008	62,172,988
Net Received	- Gathering	12,445,756	13,437,173	14,138,114	99,894,399
" "	- Trunk	10,301,867	10,908,361	11,126,783	84,969,215
" "	- Total	22,747,623	24,345,534	25,264,897	184,843,624

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		August 1958	July 1958	August 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,345,890	2,729,265	5,018,879	21,417,431
Alberta (1)	- Gathering	118,294	129,200	165,977	966,733
"	- Trunk	1,727,249	1,810,953	1,103,534	10,194,199
Saskatchewan	- Gathering	16,842	20,836	96,691	384,491
"	- Trunk	1,678,964	1,281,884	1,529,391	10,270,663
Manitoba †	- Trunk	7,619,724	7,718,610	6,524,086	58,940,543
Ontario (2)	- Trunk	3,327,686	3,430,569	3,330,920	28,022,628
Quebec	- Trunk	6,306,415	6,763,101	6,838,265	51,683,675
Net Delivered	- Gathering	135,136	150,036	262,668	1,351,224
" "	- Trunk ‡	23,005,928	23,734,382	24,345,075	180,529,139
" "	- Total	23,141,064	23,884,418	24,607,743	181,880,363
" "	- Daily Average	714,228	770,465	793,798	748,479
† Includes deliveries to U.S. pipe lines, Gretna, Man.		6,639,357	6,928,942	5,699,179	51,909,678
‡ Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		429,197 1,784,565	858,395 1,753,265	2,788,956 1,718,444	7,617,483 14,257,644

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		August 1958	July 1958	August 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	421,401	454,745	458,112	425,043
Trunk Lines	"	1,088,407	1,113,994	1,155,166	1,090,285
Total Barrel Miles (Trunk Lines)	Millions	8,270	8,449	10,105*	64,8.6
Average Miles Per Barrel (Trunk Lines)	Miles	245.1	244.7	281.4	244.7
Employees and Earnings (6)					
Average Number	(4) No.	1,690	1,700	1,792	1,550
Total Salaries and Wages	\$	787,655	797,884	836,162	6,225,343
Man-Hours Worked by Wage Earners (5) (6)	Hours	62,096	73,504	85,477	564,415

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd., and Westspur Pipe Line Company.

* Revised to include barrel miles of short sections of line entering Canada at Sarnia (see page 2).

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

August, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Fembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month August, 1958	2,374,174	9,660,691	6,274,050	2,024,776	2,994,452	(2) 14,287,659	37,615,802
This year (9 months)	20,572,669	72,898,638	51,697,859	21,287,194	22,855,546	(3) 110,911,233	300,223,139
<u>Total Delivered out of System</u>							
This month August, 1958	2,371,883	9,754,955	6,306,415	2,345,890	3,031,525	(4) 14,777,656	38,588,324
This year (9 months)	20,555,693	72,295,564	51,683,675	21,417,431	22,856,875	(5) 114,405,025	303,214,263
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month August, 1958	96,698	-	-	-	76,512	248,191	421,401
This year (9 months)	93,734	-	-	-	84,591	246,718	425,043
<u>Trunk Lines</u>							
This month August, 1958	-	314,676	203,433	75,674	97,791	396,833	1,088,407
This year (9 months)	-	297,513	212,690	88,138	94,061	397,883	1,090,285
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month August, 1958	-	4,591	465	1,599	211	1,404	(8) 8,270
This year (9 months)	-	34,131	3,807	14,495	1,589	10,804	(8) 64,826
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month August, 1958	-	448.0	73.7	682.0	69.5	141.7	245.1
This year (9 months)	-	447.0	73.7	677.0	69.5	111.7	244.7
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,131,469	37,900,656
Nine Months ending Sept. 30,							
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				<u>Number</u>			
Number of Employees August, 1958	149	445	55	242	151	(6) 648	1,690
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month August, 1958	68,217	219,151	26,054	123,121	66,721	(6) 284,391	787,655
This year (9 months)	537,254	1,679,236	196,873	1,022,851	568,367	(6) 2,220,762	6,225,343
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month August, 1958	16,507	954	6,952	-	2,770	(6) 34,913	62,096
This year (9 months)	137,692	3,597	51,185	400	107,429	(6) 264,112	564,415

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,384,394 bbls. products and 39,521 bbls. natural gasoline.

(3) Includes 28,212,093 bbls. products and 356,416 bbls. natural gasoline.

(4) Includes 3,387,424 bbls. products and 43,433 bbls. natural gasoline.

(5) Includes 28,543,279 bbls. products and 351,348 bbls. natural gasoline.

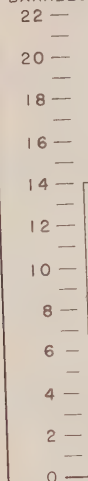
(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil Limited; Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Western Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

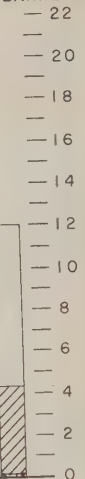


1958 1957

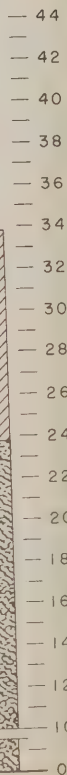
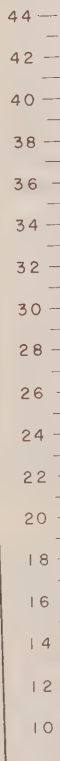
TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS



TRUNK LINES



Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

Pipe Lines (Oil) Statistics

August, 1958.

Table 6 - Traffic and Operating Pipe Line Statistics, by companies

ERRATA

	Imperial Pipe Line Co. Ltd.	Pembina Pipe Line Ltd.	Total
--	-----------------------------------	------------------------------	-------

Reads

Barrels Handled - Daily Average

Gathering Lines

This month August, 1958	96,698	76,512	
This year (8 months)	93,734	84,591	

Man-Hours Worked by Wage Earners

This month August, 1958		2,770	62,096
-------------------------	--	-------	--------

Should read

Barrels Handled - Daily Average

Gathering Lines

This month August, 1958	76,512	96,698	
This year (8 months)	84,591	93,734	

Man-Hours Worked by Wage Earners

This month August, 1958		12,770	72,096
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List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited



PIPE LINES (OIL) STATISTICS

September, 1958

Deliveries of oil through Canadian pipelines during September continued to decline, dropping 4.5 p.c. to 20,650,834 barrels from 21,617,304 in 1957, and were 10.8 p.c. below the 23,141,064 barrels recorded last month. This decrease was mainly due to a continued drop in exports which amounted to only 1,785,579 barrels in September, 51.9 p.c. below last year's total of 3,716,463 barrels. The daily average of 688,361 barrels compares with 1,057,777 last year and 746,486 last month. The average length of haul declined to 231.6 miles from 268.6 in 1957 and 245.1 in the previous month. Barrel miles dropped to 7,237 million, a new low for the year, and compare with 8,555 in 1957, and 8,270 in August.

For the first nine months of the year, total net deliveries from both gathering and trunk lines amounted to 202,531,197 barrels a decrease of 9.3 p.c. from the 223,329,776 barrels recorded for the same nine months of 1957. Provincial deliveries, in barrels, for the period were as follows (1957 data in brackets): British Columbia 23,105,355 (47,557,461); Alberta 12,554,529 (10,312,539); Saskatchewan 12,254,089 (13,415,527); Manitoba 66,126,262 (57,528,849); Ontario 30,986,686 (32,905,660); and Quebec 57,549,276 (61,609,390). Included in Manitoba deliveries were 58,141,896 barrels (49,667,394) transferred to the Kehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 411,799 barrels per day in September, down 18 p.c. from the 425,364 barrels reported last year, and a 2.27 p.c. decrease from 421,161 barrels reported last month. Trunk lines averaged 1,041,476 barrels per day as against 1,057,120 barrels one year ago and 1,088,407 barrels last month.

Net receipts during September totalled 21,259,809 barrels, a decrease of 5.9 p.c. from 22,604,390 barrels last year and 6.5 p.c. below last month's total of 22,747,623. Comprising September receipts were 8,281,926 barrels of Alberta crude and 42,616 barrels of Alberta natural gasoline, 3,566,304 barrels of Saskatchewan crude, 467,468 barrels of Manitoba crude, 5,874,903 barrels of imported crude and 3,026,592 barrels of refinery products.

Employment and wages were down from the previous year, showing 1,664 employees earning \$94,781 as against 1,739 earning \$820,379. Last month there were 1,690 employees and a payroll of \$787,655.

Operating revenues for the nine months ended September 30, decreased 17 p.c. to a total of \$56,984,697 from \$68,666,898 in the corresponding period in 1957.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data for the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable Section of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first nine months of 1958, per table 6	335,701,122
Received into Trunk Lines from other Canadian Pipe Lines	129,577,699
"Net Received" into Canadian Pipe Line Systems	206,123,423
"Net Received" into Trunk Systems per table 1	94,492,907
"Net Received" into Gathering Systems per table 2	111,630,516
Total Delivered out of Systems - all companies -	
during first nine months of 1958, per table 6	338,935,591
Delivered to other Canadian Pipe Lines	136,404,394
"Net Delivered" from Canadian Pipe Line Systems	202,531,197
"Net Delivered" from Trunk Systems per table 1	201,048,959
"Net Delivered" from Gathering Systems per table 2	1,482,238

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for September and are given herewith:

OIL BALANCE - ALL COMPANIES - SEPTEMBER 30, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to September, 1958	115,540,789	
Received into Trunk Systems January 1 to September 30, 1958	296,957,820	412,498,609
Total oil accountable for period		423,709,138
Delivered from Gathering Systems January 1 to September 30, 1958	115,639,485	
Delivered from Trunk Systems January 1 to September 30, 1958	296,183,649	411,823,134
Balance to be accounted for at September 30, 1958		11,886,004
Oil consumed as fuel and losses January 1 to September 30, 1958 ..		261,836
Balance on hand - September 30, 1958		11,624,168
Total Shippers Balances - September 30, 1958	10,525,883	
Total Carriers Balances - September 30, 1958	1,098,285	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
September, 1957	2,640,513	108,554	461,887
August, 1958	3,353,871	1,232,353	151,276
September, 1958	3,089,817	851,284	126,631

TABLE 1

OIL[‡] CARRIED BY PIPE LINES - TRUNK

	September 1 9 5 8	August 1 9 5 8	September 1 9 5 7	YEAR TO DATE 1 9 5 8
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	31,618,784	33,385,785	32,125,128	296,957,820
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	7,876,918	8,215,739	7,963,931	72,887,214
3. Other pipe lines - Gathering	5,454,282	5,683,134	5,504,580	49,503,411
4. Trunk	8,763,892	9,185,045	8,812,448	80,074,288
5. <u>Net Received (6+7+8)</u>	9,523,692	10,301,867	9,844,169	94,492,907
6. Originating on own trunk lines	3,363,864	3,695,246	3,507,711	34,259,237
7. Received from foreign pipe line connections	5,874,903	6,274,050	5,884,249	57,572,762
8. Received from other carriers (rail & truck)	284,925	332,571	452,209	2,660,908
9. <u>Total Delivered * (10+11)</u>	31,244,280	33,740,617	31,713,636	296,183,649
10. Less: Delivered to other Canadian trunk lines	10,724,460	10,734,689	10,346,482	95,134,690
11. <u>Net Delivered (12+13+14)</u>	20,519,820	23,005,928	21,367,154	201,048,959
12. Terminated on own trunk lines	13,926,934	15,898,514	13,989,872	134,644,098
13. Delivered to foreign pipe line connections	6,553,381	7,068,554	7,233,485	65,957,974
14. Delivered to other carriers (truck, rail & water)	39,505	38,860	143,797	446,887

TABLE 2

OIL[‡] CARRIED BY PIPE LINES - GATHERING

	September 1958	August 1958	September 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,314,580	13,039,861	12,760,221	115,540,789
16. Less: Received from other gathering systems	578,463	594,105	-	3,910,273
17. <u>Net Received (18+19)</u>	11,736,117	12,445,756	12,760,221	111,630,516
18. Originating on own gathering system	11,515,122	12,234,788	12,523,208	109,887,055
19. Received from other carriers (rail & truck)	220,995	210,968	237,013	1,743,461
20. <u>Total Delivered * (21+22+23)</u>	12,353,966	13,063,446	12,760,920	115,639,485
Less: Delivered to other pipe lines -				
21. Own Trunk system	7,876,918	8,215,739	7,963,931	72,887,543
22. Other pipe lines	4,346,034	4,712,571	4,546,839	41,269,704
23. <u>Net Delivered (24+25)</u>	131,014	135,136	250,150	1,482,238
24. Terminated on gathering systems	60,758	79,252	101,540	722,650
25. Delivered to other carriers (rail & truck)	70,256	55,884	148,610	759,588

‡ Includes natural gasoline and refinery products.

* Includes duplications.

‡ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		September 1958	August 1958	September ^x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,009,314	8,596,394	9,720,269	78,553,226
"	- Trunk	382,727	389,298	460,984	3,546,890
Saskatchewan	- Gathering	3,259,335	3,364,254	2,519,168	28,639,218
"	- Trunk	306,969	314,671	412,191	2,455,745
Manitoba	- Gathering	467,468	485,108	520,784	4,438,072
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	1,713,018	1,855,061	1,432,143	19,196,306
Quebec (3)	- Trunk	7,120,978	7,742,837	7,538,851	69,293,966
Net Received	- Gathering	11,736,117	12,445,756	12,760,221	111,630,516
" "	- Trunk	9,523,692	10,301,867	9,844,169	94,492,907
" "	- Total	21,259,809	22,747,623	22,604,390	206,123,423

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		September 1958	August 1958	September 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,687,924	2,345,890	4,117,269	23,105,355
Alberta (1)	- Gathering	103,664	118,294	147,281	1,070,397
"	- Trunk	1,289,933	1,727,249	1,049,658	11,484,132
Saskatchewan	- Gathering	27,350	16,842	102,869	411,841
"	- Trunk	1,571,585	1,678,964	1,313,624	11,842,248
Manitoba	- Trunk	7,140,719	7,619,724	5,911,768	66,081,262
Ontario (2)	- Trunk	2,964,058	3,327,686	3,084,689	30,986,686
Quebec	- Trunk	5,865,601	6,306,415	5,890,146	57,549,276
Net Delivered	- Gathering	131,014	135,136	250,150	1,482,238
" "	- Trunk	20,519,820	23,005,928	21,367,154	201,048,959
" "	- Total	20,650,834	23,141,064	21,617,304	202,531,197
" "	- Daily average	688,361	746,486	720,577	741,873
♢	Includes deliveries to U.S. pipe lines, Grtna, Man.	6,232,218	6,639,357	5,009,116	58,141,896
♣	Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company	321,163 1,464,416	429,197 1,784,565	2,345,787 1,370,676	7,838,646 15,722,060

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		September 1958	August 1958	September ^x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	411,799	421,401	425,364	423,588
Trunk Lines	"	1,041,476	1,088,407	1,057,120	1,084,922
Total Barrel Miles (Trunk Lines)	Millions	7,237	8,270	8,555 ⁽⁷⁾	72,062
Average Miles Per Barrel (Trunk Lines)	Miles	231.6	245.1	268.6	243.3
Employees and Earnings (6)					
Average Number (4)	No.	1,664	1,690	1,739	1,693
Total Salaries and Wages	\$	794,781	787,655	820,379	7,020,124
Man-Hours Worked by Wage Earners (5) (6)	Hours	70,559	72,096 ^x	79,211	644,974

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd. and Westspur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

September, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month September, 1958	2,053,961	8,819,466	5,874,903	2,283,126	2,892,196	(2) 13,554,331	35,477,983
This year (9 months)	22,626,630	81,718,104	57,572,762	23,570,320	25,747,742	(3) 124,465,564	335,701,122
<u>Total Delivered out of System</u>							
This month September, 1958	2,073,881	8,956,262	5,865,601	1,687,924	2,904,910	(4) 14,232,750	35,721,328
This year (9 months)	22,629,574	81,251,826	57,549,276	23,105,355	25,761,785	(5) 128,637,775	338,935,591
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month September, 1958	69,129	-	-	-	96,584	246,086	411,799
This year (9 months)	82,892	-	-	-	94,047	246,649	423,588
<u>Trunk Lines</u>							
This month September, 1958	-	298,542	195,520	56,264	96,830	394,320	1,041,476
This year (9 months)	-	297,626	210,803	84,635	94,366	397,492	1,084,922
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month September, 1958	-	4,161	414	1,160	202	1,300	(8) 7,237
This year (9 months)	-	38,292	4,221	15,655	1,790	12,104	(8) 72,062
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month September, 1958	-	447.0	70.6	687.0	69.5	109.9	231.6
This year (9 months)	-	447.0	70.6	678.0	69.5	115.5	243.3
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,103,607	37,812,794*
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 19,974,042	56,984,697
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				<u>Number</u>			
Number of Employees September, 1958	139	441	53	241	151	(6) 639	1,664
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month September, 1958	64,950	222,649	25,778	123,361	70,177	(6) 287,866	794,781
This year (9 months)	602,204	1,901,885	222,651	1,146,212	638,544	(6) 2,508,628	7,020,124
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month September, 1958	15,951	445	6,555	-	13,672	(6) 33,936	70,559
This year (9 months)	153,643	4,042	57,740	400	131,101	(6) 298,048	644,974

* Totals include duplication between companies.

x Revised.

(1) See list of reporting companies on page 7.

(2) Includes 3,026,592 bbls. products and 42,616 bbls. natural gasoline.

(3) Includes 31,508,685 bbls. products and 399,032 bbls. natural gasoline.

(4) Includes 3,032,105 bbls. products and 43,357 bbls. natural gasoline.

(5) Includes 31,575,384 bbls. products and 394,705 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

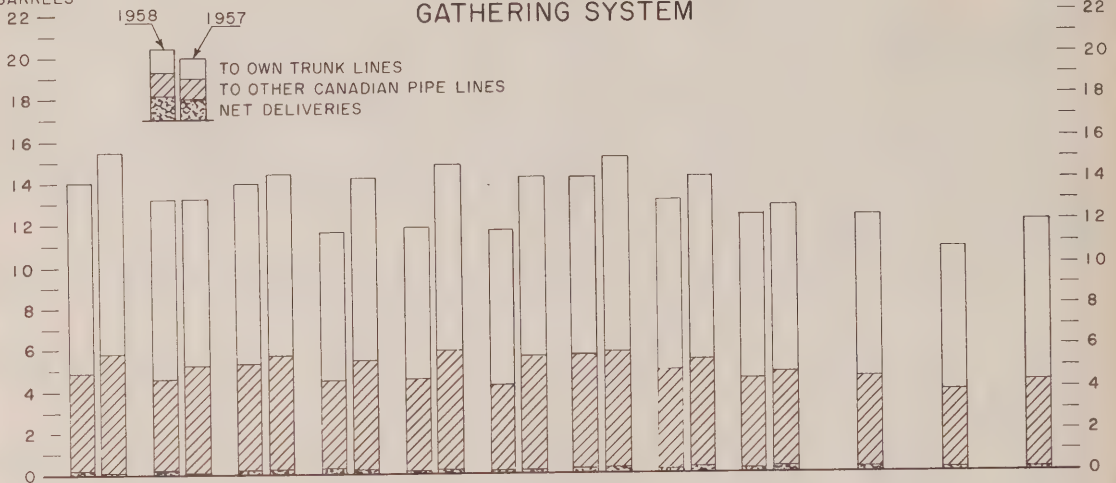
(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

MILLION
BARRELS



44 —

44 —

42 —

42 —

40 —

40 —

38 —

38 —

36 —

36 —

34 —

34 —

32 —

32 —

30 —

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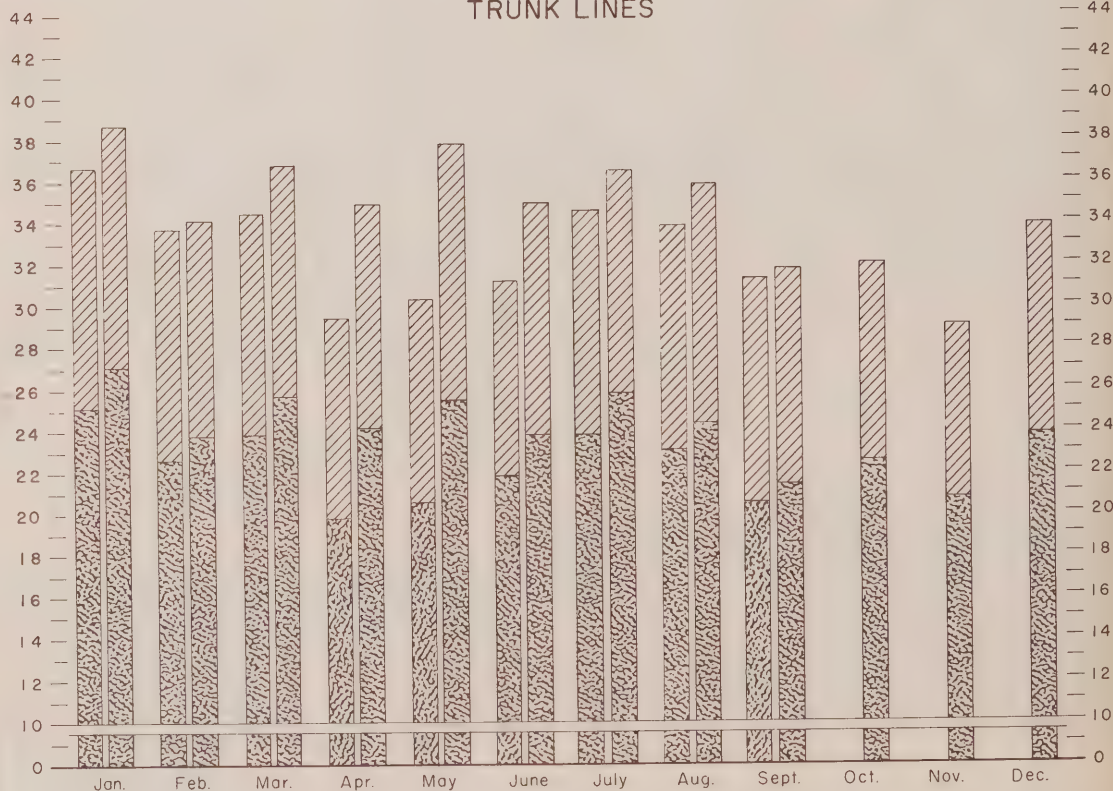
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TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Chittchill, Minister of Trade and Commerce



Memorandum

Vol. 8, No. 10

PIPE LINES (OIL) STATISTICS

Price \$1.00 per year

October, 1958

Net deliveries through Canadian pipelines registered a slight increase in October to 22,886,658 barrels from 22,735,509 in October 1957. The rise, which occurred despite a 50.5 p.c. drop in exports to 1,834,614 barrels from 3,709,234, was the first recorded in 1958 over the comparable month of the previous year. October deliveries were also up 10.8 p.c. from the 20,650,834 barrels reported for September, when exports amounted to 1,785,579 barrels. The daily average net delivery of 738,279 barrels in October compared with 733,404 barrels one year earlier, and 688,361 last month. Barrel miles at 7,747 million were 11.6 p.c. below the 8,761 reported one year ago, but up 7.0 p.c. from 7,237 million reported in September. The average length of haul at 233.3 miles decreased from 269.7 miles in October 1957, but showed a slight increase over the 231.6 recorded in the previous month.

For the first ten months of the year total net deliveries from both gathering and trunk lines amounted to 225,417,855 barrels, 8.4 p.c. below the 246,065,285 barrels recorded for the same period last year. Provincial deliveries in barrels were as follows (1957 data in brackets): British Columbia 25,101,315 (50,910,458); Alberta 13,872,456 (11,306,371); Saskatchewan 13,342,280 (14,735,686); Manitoba 73,741,252 (64,304,836); Ontario 34,737,477 (36,170,624); and Quebec 64,623,075 (68,637,310). Included in Manitoba deliveries were 64,984,813 barrels (56,006,033) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 412,058 barrels per day in October, an increase of 3.5 p.c. from 398,097 barrels in the same month last year, and slightly more than the 411,799 barrels reported last month. Trunk lines averaged 1,070,965 barrels per day as compared to 1,032,749 barrels in 1957 and 1,041,476 barrels last month.

During the month of October net receipts totalled 23,605,757 barrels, slightly above the 23,532,059 shown last year, and 11.0 p.c. above the 21,259,809 barrels reported for September. Comprising the current month's receipts were 8,538,357 barrels of Alberta crude and 47,787 barrels of Alberta natural gasoline, 3,568,490 barrels of Saskatchewan crude, 467,976 barrels of Manitoba crude, 7,097,319 barrels of imported crude and 3,885,828 barrels of refinery products.

Employment and wages dropped slightly in October to 1,614 employees earning \$773,570, against 1,733 employees earning \$813,359 in the corresponding month last year, and 1,664 employees and a payroll of \$794,781 last month.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil, Ltd., are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd., and Valley Pipe Line Company, Ltd., have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-108

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during first ten months of 1958, per table 6	372,990,476
Received into Trunk Lines from other Canadian Pipe Lines	143,261,296
"Net Received" into Canadian Pipe Line Systems	229,729,180
"Net Received" into Trunk Systems per table 1	105,980,184
"Net Received" into Gathering Systems per table 2	123,748,996
Total Delivered out of Systems - all companies - during first ten months of 1958, per table 6	376,785,818
Delivered to other Canadian Pipe Lines	151,367,963
"Net Delivered" from Canadian Pipe Line Systems	225,417,855
"Net Delivered" from Trunk Systems per table 1	223,784,424
"Net Delivered" from Gathering Systems per table 2	1,633,431

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for October and are given herewith:

OIL BALANCE - ALL COMPANIES - OCTOBER, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to October 31, 1958	128,329,786	
Received into Trunk Systems January 1 to October 31, 1958	330,252,216	458,582,002
Total oil accountable for period		469,792,531
Delivered from Gathering Systems January 1 to October 31, 1958	128,413,305	
Delivered from Trunk Systems January 1 to October 31, 1958	329,383,578	457,796,883
Balance to be accounted for at October 31, 1958		11,995,648
Oil consumed as fuel and losses January 1 to October 31, 1958		292,832
Balance on hand - October 31, 1958		11,702,816
Total Shippers Balances - October 31, 1958	10,590,976	
Total Carriers Balances - October 31, 1958	1,111,840	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
October, 1957	2,877,554	637,649	483,024
September, 1958	3,089,817	851,284	126,631
October, 1958	4,052,067	955,898	250,753

TABLE 1

OIL[†] CARRIED BY PIPE LINES - TRUNK

	October 1958	September 1958	October 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	33,294,396	31,618,784	32,016,845	330,252,216
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,123,522	7,876,918	7,761,230	81,010,736
3. Other pipe lines - Gathering	5,099,234	5,454,282	4,804,252	54,602,645
4. Trunk	8,584,363	8,763,892	8,314,647	88,658,651
5. <u>Net Received (6+7+8)</u>	11,487,277	9,523,692	11,136,716	105,980,184
6. Originating on own trunk lines	4,196,397	3,363,864	3,714,854	38,455,634
7. Received from foreign pipe line connections	7,097,319	5,874,903	6,988,733	64,670,081
8. Received from other carriers (rail & truck)	193,561	284,925	433,129	2,854,469
9. <u>Total Delivered * (10+11)</u>	33,199,929	31,244,280	32,015,246	329,383,578
10. Less: Delivered to other Canadian trunk lines	10,464,464	10,724,460	9,484,677	105,599,154
11. <u>Net Delivered (12+13+14)</u>	22,735,465	20,519,820	22,530,569	223,784,424
12. Terminated on own trunk lines	15,543,586	13,926,934	14,053,881	150,187,684
13. Delivered to foreign pipe line connections	7,164,707	6,553,381	8,452,569	73,122,681
14. Delivered to other carriers (truck, rail & water)	27,172	39,505	24,119	474,059

TABLE 2

OIL[†] CARRIED BY PIPE LINES - GATHERING

	October 1958	September 1958	October 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,788,997	12,314,580	12,395,343	128,329,786
16. Less: Received from other gathering systems	670,517	578,463	-	4,580,790
17. <u>Net Received (18+19)</u>	12,118,480	11,736,117	12,395,343	123,748,996
18. Originating on own gathering system	11,884,254	11,515,122	12,138,900	121,771,309
19. Received from other carriers (rail & truck)	234,226	220,995	256,443	1,977,687
20. <u>Total Delivered * (21+22+23)</u>	12,773,820	12,353,966	12,341,018	128,413,305
Less: Delivered to other pipe lines -				
21. Own Trunk system	8,123,522	7,876,918	7,761,230	81,011,065
22. Other pipe lines	4,499,105	4,346,034	4,374,848	45,768,809
23. <u>Net Delivered (24+25)</u>	151,193	131,014	204,940	1,633,431
24. Terminated on gathering systems	87,087	60,758	86,007	809,737
25. Delivered to other carriers (rail & truck)	64,106	70,256	118,933	823,694

[†] Includes natural gasoline and refinery products.

* Includes duplications.

[†] Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		October 1958	September 1958	October ^x 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,259,424	8,009,314	9,001,312	86,812,650
"	- Trunk	394,107	382,727	476,258	3,940,997
Saskatchewan	- Gathering	3,391,080	3,259,335	2,894,578	32,030,298
"	- Trunk	177,410	306,969	400,252	2,633,155
Manitoba	- Gathering	467,976	467,468	499,453	4,906,048
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,503,765	1,713,018	1,898,771	21,700,071
Quebec (3)	- Trunk	8,411,995	7,120,978	8,361,435	77,705,961
Net Received	- Gathering	12,118,480	11,736,117	12,395,343	123,748,996
"	- Trunk	11,487,277	9,523,692	11,136,716	105,980,184
"	- Total	23,605,757	21,259,809	23,532,059	229,729,180

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		October 1958	September 1958	October 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	1,995,960	1,687,924	3,352,647	25,101,315
Alberta (1)	- Gathering	124,119	103,664	127,217	1,194,516
"	- Trunk	1,193,808	1,289,933	866,615	12,677,940
Saskatchewan	- Gathering	27,074	27,350	77,723	438,915
"	- Trunk	1,061,117	1,571,585	1,242,436	12,903,365
Manitoba ^δ	- Trunk	7,659,990	7,140,719	6,775,987	73,741,252
Ontario (2)	- Trunk	3,750,791	2,964,058	3,264,964	34,737,477
Quebec	- Trunk	7,073,799	5,865,601	7,027,920	64,623,075
Net Delivered	- Gathering	151,193	131,014	204,940	1,633,431
"	- Trunk ^δ	22,735,465	20,519,820	22,530,569	223,784,424
"	- Total	22,886,658	20,650,834	22,735,509	225,417,855
"	- Daily average	738,279	688,361	733,404	741,506
^δ Includes deliveries to U.S. pipe lines, Gretna, Man.		6,842,917	6,232,218	6,338,639	64,984,813
^δ Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		321,790 1,512,824	321,163 1,464,416	2,113,930 1,595,304	8,260,436 17,234,884

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		October 1958	September 1958	October ^x 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	412,058	411,799	398,097	422,412
Trunk Lines	"	1,070,965	1,041,476	1,032,749	1,083,499
Total Barrel Miles (Trunk Lines)	Millions	7,747	7,237	8,761 ⁽⁷⁾	79,810
Average Miles Per Barrel (Trunk Lines)	Miles	233.3	231.6	269.7	242.3
Employees and Earnings (6)					
Average Number (4)	No.	1,614	1,664	1,733	1,668
Total Salaries and Wages	\$	773,570	794,781	813,359	7,793,694
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,671	70,559	78,914	716,645

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd., and Westspur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

x Revised.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

October, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month October, 1958	2,124,793	9,074,233	7,097,319	1,647,254	2,934,321	(2) 14,411,434	37,289,354
This year (10 months)	24,751,423	90,792,337	64,670,081	25,217,574	28,682,063	(3) 138,876,998	372,990,476
<u>Total Delivered out of System</u>							
This month October, 1958	2,129,867	8,730,893	7,073,799	1,995,960	2,934,413	(4) 14,985,295	37,850,227
This year (10 months)	24,759,441	89,982,719	64,623,075	25,101,315	28,696,198	(5) 143,623,070	366,859,818
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month October, 1958	68,705	-	-	-	94,430	248,923	412,058
This year (10 months)	81,446	-	-	-	94,086	246,880	422,412
<u>Trunk Lines</u>							
This month October, 1958	-	281,642	228,187	64,386	94,658	402,092	1,070,965
This year (10 months)	-	295,996	212,576	82,570	94,395	397,962	1,083,499
<u>Total Barrel Miles</u>				<u>Miles</u>			
<u>(Trunk Lines - in millions)</u>							
This month October, 1958	-	4,307	499	1,334	204	1,403	7,747
This year (10 months)	-	42,599	4,720	16,989	1,994	13,508	79,810
<u>Average Miles Per Barrel</u>							
<u>(Trunk Lines)</u>							
This month October, 1958	-	473.0	70.6	668.0	69.5	112.6	233.3
This year (10 months)	-	449.0	73.0	677.0	69.5	116.5	242.3
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar.31,1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,092,402 ^x	37,861,589 ^x
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 20,018,992 ^x	57,029,647 ^x
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
<u>Number of Employees October, 1958</u>	138	434	52	<u>Number</u>	147	(6) 607	1,614
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month October, 1958	65,908	214,127	25,181	123,646	68,810	(6) 275,898	773,570
This year (10 months)	668,112	2,116,012	247,832	1,269,858	707,354	(6) 2,784,526	7,793,694
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month October, 1958	16,478	976	6,450	-	14,288	(6) 33,479	71,671
This year (10 months)	170,121	5,018	64,190	400	145,389	(6) 331,527	716,645

* Totals include duplication between companies.

x Revised.

(1) See list of reporting companies on page 7.

(2) Includes 3,885,828 bbls. products and 47,787 bbls. natural gasoline.

(3) Includes 35,394,513 bbls. products and 446,819 bbls. natural gasoline.

(4) Includes 3,818,287 bbls. products and 49,347 bbls. natural gasoline.

(5) Includes 35,393,671 bbls. products and 444,052 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958

MILLION
BARRELS

22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

1958 1957

TO OWN TRUNK LINES
TO OTHER CANADIAN PIPE LINES
NET DELIVERIES

GATHERING SYSTEM

MILLION
BARRELS

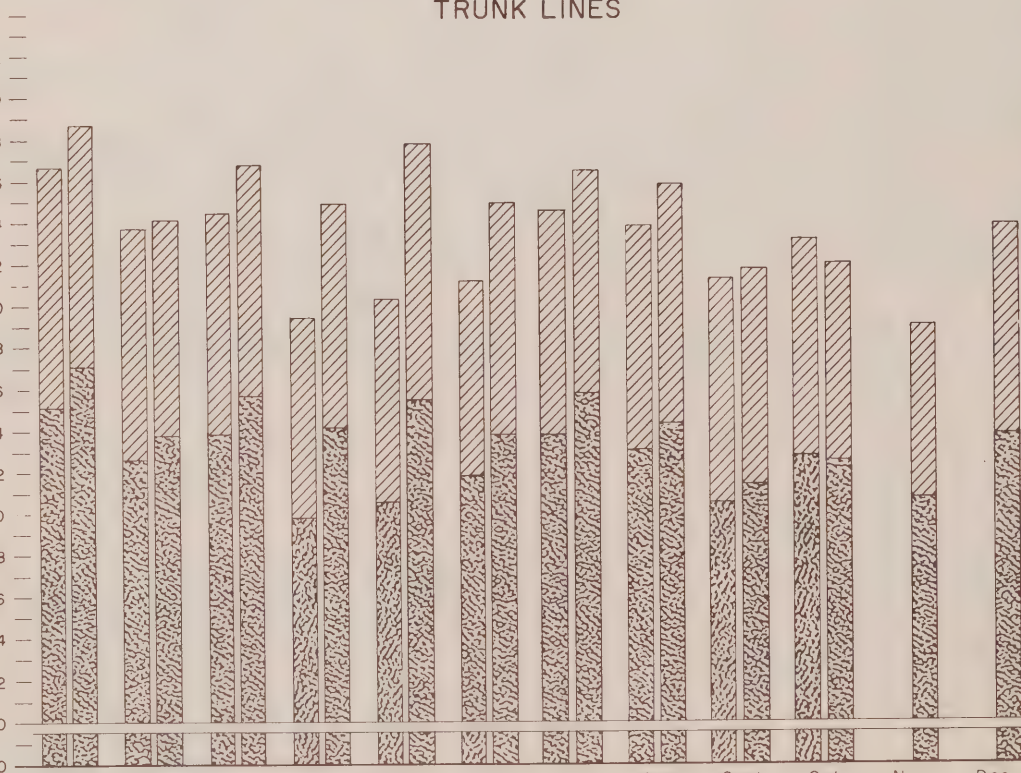
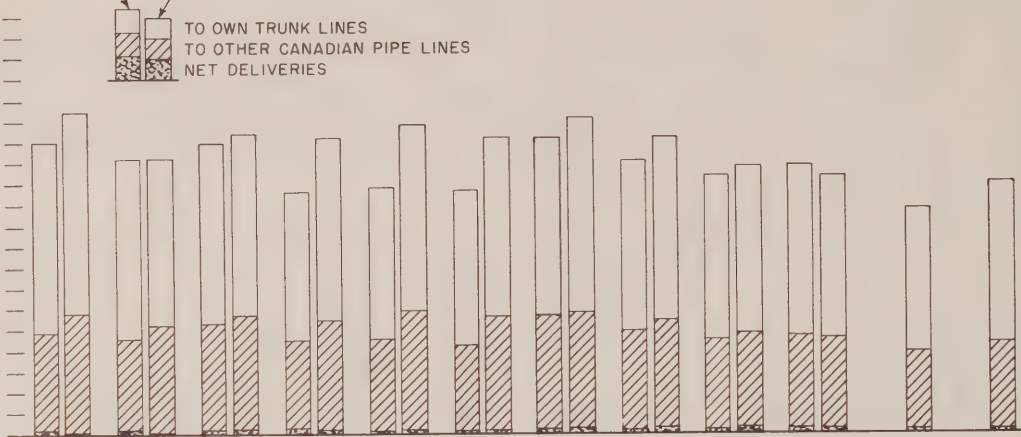
22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

44 —
42 —
40 —
38 —
36 —
34 —
32 —
30 —
28 —
26 —
24 —
22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

TRUNK LINES

44 —
42 —
40 —
38 —
36 —
34 —
32 —
30 —
28 —
26 —
24 —
22 —
20 —
18 —
16 —
14 —
12 —
10 —
8 —
6 —
4 —
2 —
0

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

L. 8, No. 11

PIPE LINES (OIL) STATISTICS

Price: \$2.00 per year

November, 1958

Net deliveries of oil from Canadian pipe lines recorded a 12 p.c. increase in November, rising to 23,414,831 barrels from 20,884,697 barrels in the same month last year. Despite a 1.6 p.c. decrease in exports to 2,092,864 barrels from 3,202,042, deliveries for the second month exceeded the comparable month of 1957. November deliveries also were 2.3 p.c. above the 22,886,658 barrels shown in October, when exports amounted to 1,834,614 barrels. The monthly average net delivery of 780,494 barrels compares with 696,157 barrels last year and 738,009 last month. Barrel miles at 8,796 million were 27.4 p.c. above the 6,903 million reported the year ago, and up 13.5 p.c. from 7,747 million reported in October. The average length of haul at 261.1 miles increased 12.2 p.c. from 232.6 miles in November 1957, and was 11.9 p.c. above the 233.3 reported last month.

For the eleven months ended November 30, 1958, total net deliveries from both gathering and trunk lines aggregated 248,832,636 barrels, 0.8 p.c. below the 1957 total of 265,949,902. Provincial deliveries, in barrels, for the first nine months of the year were as follows (1957 data in brackets): British Columbia 27,231,594 (53,311,921); Alberta 14,993,464 (12,906,500); Saskatchewan 14,587,878 (16,211,547); Manitoba 82,013,549 (69,800,132); Ontario 15,560,701 (40,033,590); and Quebec 71,445,500 (74,883,727). Included in Manitoba deliveries are 72,430,922 barrels (60,852,953) transferred to the Lakehead Pipe Line Company at Grétna, a bulk of which moved through the United States destined to Ontario refineries. Exports on a pipe line are shown in a footnote to table 4.

Gathering systems handled an average of 429,740 barrels per day in November, 18.9 p.c. above the average of 361,533 barrels in the same month last year, and 4.3 p.c. over last month's average of 412,058. Trunk lines averaged 1,122,832 barrels per day as compared with 1,074,402 barrels in 1957 and 1,070,965 barrels last month.

Net receipts during November totalled 23,422,720 barrels, an increase of 8.1 p.c. over the 21,672,965 barrels reported last year, but slightly below last month's total of 23,605,000. November's receipts were comprised of 8,864,728 barrels of Alberta crude and 50,691 barrels of Alberta natural gasoline, 3,360,900 barrels of Saskatchewan crude, 428,253 barrels of Manitoba crude, 6,845,981 barrels of imported crude and 3,872,167 barrels of refinery products.

Employment and wages declined slightly in November to 1,579 employees earning \$753,542 from 1,666 employees earning \$788,166 in the corresponding month last year.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Grex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Husky Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during first eleven months of 1958, per table 6	410,215,478
Received into Trunk Lines from other Canadian Pipe Lines	157,063,578
"Net Received" into Canadian Pipe Line Systems	253,151,900
"Net Received" into Trunk Systems per table 1	117,185,461
"Net Received" into Gathering Systems per table 2	135,966,439
Total Delivered out of Systems - all companies -	
during first eleven months of 1958, per table 6	415,048,534
Delivered to other Canadian Pipe Lines	166,215,848
"Net Delivered" from Canadian Pipe Line Systems	248,832,686
"Net Delivered" from Trunk Systems per table 1	247,036,371
"Net Delivered" from Gathering Systems per table 2	1,796,315

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for November and are given herewith:

OIL BALANCE - ALL COMPANIES - November 30, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to November 30, 1958	141,208,708	
Received into Trunk Systems January 1 to November 30, 1958	363,574,241	504,782,949
Total oil accountable for period		515,993,478
Delivered from Gathering Systems January 1 to November 30, 1958	141,305,515	
Delivered from Trunk Systems January 1 to November 30, 1958	363,068,550	504,374,065
Balance to be accounted for at November 30, 1958		11,619,413
Oil consumed as fuel and losses January 1 to November 30, 1958		296,889
Balance on hand - November 30, 1958		11,322,524
Total Shippers Balances - November 30, 1958	10,285,436	
Total Carriers Balances - November 30, 1958	1,037,088	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
November, 1957	2,262,663	1,007,699	609,819
October, 1958	4,052,067	955,898	250,753
November, 1958	4,057,960	1,545,126	175,928

TABLE 1

OIL¹ CARRIED BY PIPE LINES - TRUNK

	November 1958	October 1958	November 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	33,322,025	33,294,396	29,263,253	363,574,241
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	8,314,466	8,123,522	6,942,578	89,325,202
3. Other pipe lines - Gathering	5,103,417	5,099,234	4,610,714	59,706,062
4. Trunk	8,698,865	8,584,363	6,871,351	97,357,516
5. <u>Net Received (6+7+8)</u>	11,205,277	11,487,277	10,838,610	117,185,461
6. Originating on own trunk lines	4,206,224	4,196,397	4,256,830	42,661,858
7. Received from foreign pipe line connections	6,845,981	7,097,319	6,272,454	71,516,062
8. Received from other carriers (rail & truck)	153,072	193,561	309,326	3,007,541
9. <u>Total Delivered * (10+11)</u>	33,684,972	33,199,929	29,022,041	363,068,550
10. Less: Delivered to other Canadian trunk lines	10,433,025	10,464,464	8,292,837	116,032,179
11. <u>Net Delivered (12+13+14)</u>	23,251,947	22,735,465	20,729,204	247,036,371
12. Terminated on own trunk lines	15,373,885	15,543,586	14,209,671	165,561,569
13. Delivered to foreign pipe line connections	7,844,256	7,164,707	6,495,575	80,966,937
14. Delivered to other carriers (truck, rail & water)	33,806	27,172	23,958	507,865

TABLE 2

OIL¹ CARRIED BY PIPE LINES - GATHERING

	November 1958	October 1958	November 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	12,878,922	12,788,997	10,834,355	141,208,708
16. Less: Received from other gathering systems	661,479	670,517	-	5,242,269
17. <u>Net Received (18+19)</u>	12,217,443	12,118,480	10,834,355	135,966,439
18. Originating on own gathering system	11,974,620	11,884,254	10,623,840	133,745,929
19. Received from other carriers (rail & truck)	242,823	234,226	210,515	2,220,510
20. <u>Total Delivered * (21+22+23)</u>	12,892,210	12,773,820	10,845,990	141,305,515
Less: Delivered to other pipe lines -	8,314,466	8,123,522	6,942,578	89,325,531
21. Own Trunk system	4,414,860	4,499,105	3,747,919	50,183,669
22. Other pipe lines	162,884	151,193	155,493	1,796,315
23. <u>Net Delivered (24+25)</u>				
24. Terminated on gathering systems	82,559	87,087	44,911	892,296
25. Delivered to other carriers (rail & truck)	80,325	64,106	110,582	904,019

¹ Includes natural gasoline and refinery products.

* Includes duplications.

² Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		November 1958	October 1958	November 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	8,613,995	8,259,424	7,764,458	95,426,645
"	- Trunk	361,937	394,107	447,640	4,302,934
Saskatchewan	- Gathering	3,175,195	3,391,080	2,575,269	35,205,493
"	- Trunk	185,705	177,410	279,892	2,818,860
Manitoba	- Gathering	428,253	467,976	494,628	5,334,301
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,318,411	2,503,765	2,069,304	24,018,482
Quebec (3)	- Trunk	8,339,224	8,411,995	8,041,774	86,045,185
Net Received	- Gathering	12,217,443	12,118,480	10,834,355	135,966,439
"	- Trunk	11,205,277	11,487,277	10,838,610	117,185,461
"	- Total	23,422,720	23,605,757	21,672,965	253,151,900

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		November 1958	October 1958	November 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,130,279	1,995,960	2,401,463	27,231,594
Alberta (1)	- Gathering	122,626	124,119	79,180	1,317,142
"	- Trunk	998,382	1,193,808	1,263,514	13,676,322
Saskatchewan	- Gathering	40,258	27,074	76,313	479,173
"	- Trunk	1,205,340	1,061,117	1,399,548	14,108,705
Manitoba	- Trunk	8,272,297	7,659,990	5,555,296	82,013,549
Ontario (2)	- Trunk	3,823,224	3,750,791	3,862,966	38,560,701
Quebec	- Trunk	6,822,425	7,073,799	6,246,417	71,445,500
Net Delivered	- Gathering	162,884	151,193	155,493	1,796,315
"	- Trunk	23,251,947	22,735,465	20,729,204	247,036,371
"	- Total	23,414,831	22,886,658	20,884,697	248,832,686
"	- Daily average	780,494	738,279	696,157	745,808
Includes deliveries to U.S. pipe lines, Grtna, Man.		7,446,109	6,842,917	4,846,920	72,430,922
Includes exports - via Trans Mountain Oil Pipe Line Company via Interprovincial Pipe Line Company		398,147 1,694,717	321,790 1,512,824	1,648,655 1,553,387	8,658,583 18,929,601

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		November 1958	October 1958	November 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	429,740	412,058	361,533	423,070
Trunk Lines	"	1,122,832	1,070,965	967,401	1,087,032
Total Barrel Miles (Trunk Lines)	Millions	8,796	7,747	6,903 ⁽⁷⁾	88,605
Average Miles Per Barrel (Trunk Lines)	Miles	261.1	233.3	232.6	240.0
Employees and Earnings (6)					
Average Number (4)	No.	753,542	773,570	788,166	8,547,236
Total Salaries and Wages	\$	67,063	71,671	71,435	783,707
Man-Hours Worked by Wage Earners (5) (6)	Hours				

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd., and Westpur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

November, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
				Barrels			
Total Received into System							
This month November, 1958	2,253,522	9,280,707	6,845,981	1,800,984	3,086,842	(2) 13,956,966	37,225,002
This year (11 months)	27,004,945	100,073,044	71,516,062	27,018,558	31,768,905	(3) 152,833,964	410,215,478
Total Delivered out of System							
This month November, 1958	2,249,980	9,322,347	6,822,425	2,130,279	3,087,853	(4) 14,649,832	38,262,716
This year (11 months)	27,009,421	99,305,066	71,445,500	27,231,594	31,784,051	(5) 158,272,902	415,048,534
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month November, 1958	74,999	-	-	-	102,632	252,109	429,740
This year (11 months)	80,866	-	-	-	94,854	247,350	423,070
Trunk Lines							
This month November, 1958	-	310,745	227,414	71,009	102,928	410,736	1,122,832
This year (11 months)	-	297,320	213,909	81,532	95,162	399,109	1,087,032
Total Barrel Miles				Miles			
(Trunk Lines - in millions)							
This month November, 1958	-	5,294	481	1,427	215	1,379	(8) 8,796
This year (11 months)	-	47,893	5,201	18,416	2,209	14,886	(8) 88,605
Average Miles Per Barrel							
(Trunk Lines)							
This month November, 1958	-	538.0	70.6	670.0	69.5	111.9	261.1
This year (11 months)	-	458.0	72.8	676.0	69.5	111.7	244.0
OPERATING REVENUES							
				Dollars			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,092,402	37,861,589
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 20,018,992	57,029,647
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS							
				Number			
Number of Employees November, 1958	137	427	51	221	147	(6) 596	1,579
				Dollars			
Salaries and Wages							
This month November, 1958	60,026	208,744	24,287	117,958	72,306	(6) 270,221	753,542
This year (11 months)	728,138	2,324,756	272,119	1,387,816	779,660	(6) 3,054,747	8,547,236
				Hours			
Man-Hours Worked by Wage Earners							
This month November, 1958	14,697	608	6,069	-	13,793	(6) 31,896	67,063
This year (11 months)	184,818	5,626	70,259	400	159,182	(6) 363,422	783,707

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,872,167 bbls. products and 50,691 bbls. natural gasoline.

(3) Includes 39,266,680 bbls. products and 497,510 bbls. natural gasoline.

(4) Includes 3,883,387 bbls. products and 50,388 bbls. natural gasoline.

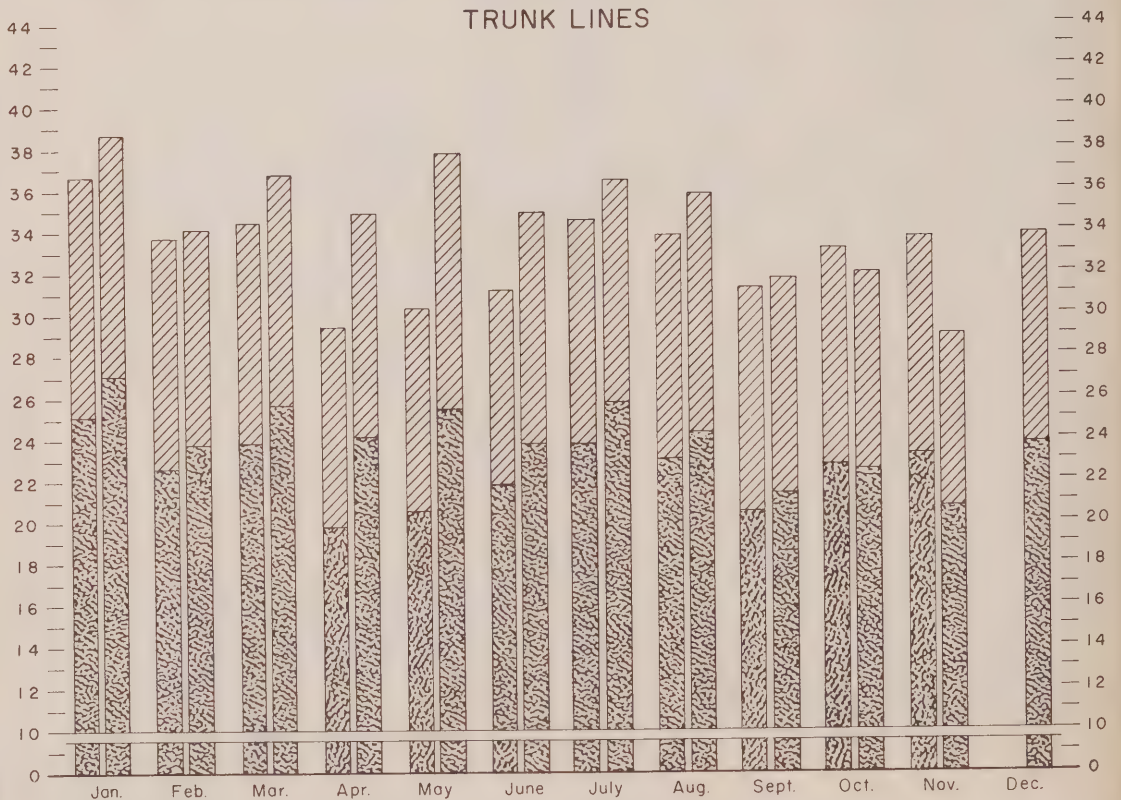
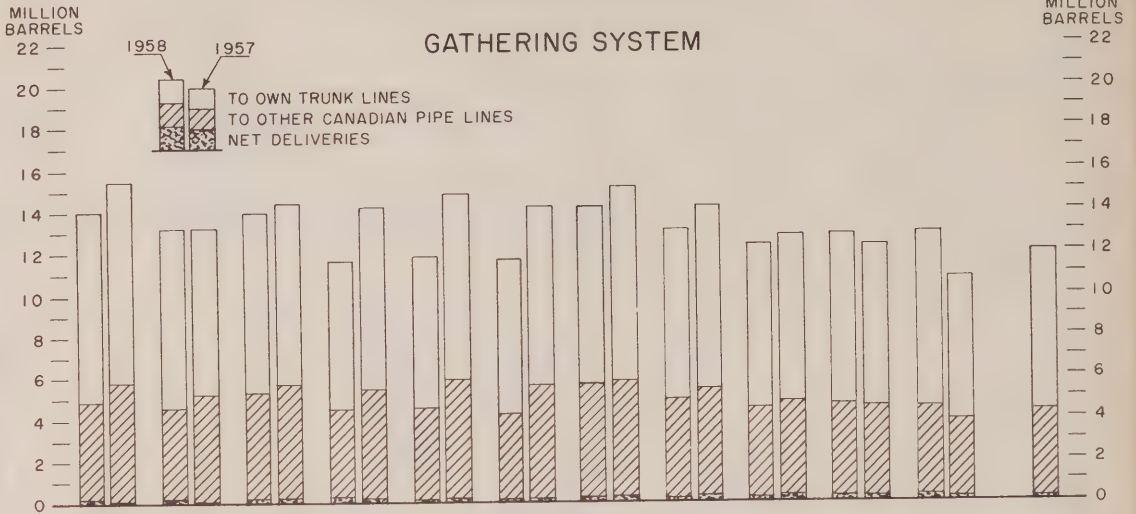
(5) Includes 39,277,058 bbls. products and 494,440 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co., Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



List of Oil Pipe Lines Reporting

Amurex Oil Company

Anglo American Exploration, Limited

Anglo-Canadian Oils, Limited

B.A. Alberta Pipe Line, Limited

B.A. Saskatchewan Pipe Line, Limited

Britamoil Pipe Line Company, Limited

Devon-Palmer Oils, Limited

Edmonton Pipe Line Company, Limited

Gibson Crude Oil Purchasing Company, Limited

Green River Exploration Company, Limited

Home Oil Company, Limited, Cremona Pipe Lines Division

The Imperial Pipe Line Company, Limited

Imperial Oil Limited, Sarnia Products Pipe Line

Interprovincial Pipe Line Company

Key Pipe Line Company, Limited

Mid-Saskatchewan Pipe Lines, Limited

Mobil Oil of Canada, Limited

Montreal Pipe Line Company, Limited

Nisku Products Pipe Line Company, Limited

Peace River Oil Pipe Line Company, Limited

Pembina Pipe Line, Limited

Producers Pipelines, Limited

Rangeland Pipe Line Company, Limited

Saskatoon Pipe Line Company, Limited

South Saskatchewan Pipe Line Company

Sun-Canadian Pipe Line Company, Limited

Sun Pipe Line Company

Texaco Exploration Company

Trans Mountain Oil Pipe Line Company

Trans-Northern Pipe Line Company

Trans-Prairie Pipelines, Limited

Valley Pipe Line Company, Limited

Westspur Pipe Line Company

Winnipeg Pipe Line Company, Limited



DOMINION BUREAU OF STATISTICS

Monthly

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 8, No. 12.

Price: \$2.00 per year

PIPE LINES (OIL) STATISTICS

December, 1958

The December movement of oil through Canadian pipe lines reached a high point for the year with total net deliveries increasing 8.5 p.c. to 25,940,106 barrels compared with 23,907,630 in 1957 and 10.8 p.c. above the November figure of 23,414,831. The average delivery of 836,778 barrels per day in December compares with 771,214 barrels one year ago, and 780,494 barrels last month. Barrel miles increased to 9,537 million, 10.1 p.c. above the 8,659 million reported last December, and 8.4 p.c. above the previous month's 8,796 million. The average length of haul increased to 252.1 miles from 246.5 in 1957.

For the twelve months ended December 31, total net deliveries dropped 5.5 p.c. to 274,772,792 barrels from 290,857,612 in the previous year, the daily average delivery for the year of 752,802 barrels comparing with 796,870 barrels in 1957. Provincial deliveries in barrels for the year were as follows (1957 data in brackets): British Columbia 29,565,915 (56,535,164); Alberta 16,150,606 (13,570,320); Saskatchewan 16,289,075 (17,691,698); Manitoba 90,963,180 (77,441,741); Ontario 43,256,943 (44,189,759); and Quebec 78,547,073 (81,428,930). Included in Manitoba deliveries were 80,334,345 barrels (67,488,984) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line fell to 29,750,328 barrels from 54,878,720 in 1957, a drop of 45.8 per cent.

Refinery products delivered during the year decreased slightly to 44,056,079 barrels from 44,928,730. Of this total, refined gasoline accounted for 24,245,691 barrels (25,078,012); distillate fuels for 16,259,288 barrels (15,951,297); and refined oil and other products for 3,551,100 barrels (3,899,421).

Net receipts for the month, at 26,755,397 barrels, increased 19.2 p.c. over last year's total of 22,448,570 and 14.2 p.c. above the 23,422,720 barrels received in November. The month's receipts were comprised of 10,887,650 barrels of Alberta crude and 59,652 barrels of Alberta natural gasoline, 3,528,338 barrels of Saskatchewan crude, 442,690 barrels of Manitoba crude, 7,061,013 barrels of imported crude and 4,776,054 barrels of refinery products.

Employment and earnings were down slightly this December with 1,575 employees earning \$772,905 compared with 1,671 employees earning \$813,710 one year ago.

Operating revenues for the last quarter of 1958 amounted to \$19,966,345, a decrease of 2.7 p.c. from the \$20,511,465 reported one year ago. The year's total also was down, decreasing 12.2 p.c. to \$76,995,992 from \$87,702,398.

Revenue and employee data for the Sarnie Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration Company and employee data of the Amurex Oil Development Company, Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Anglo-Canadian Oils, Ltd. and Valley Pipe Line Company, Ltd. have been omitted. Data of the activities of these companies have been included in all other applicable sections of the report.

Prepared in the Transportation and Public Utilities Section,
Public Finance and Transportation Division.

8504-508-128

The Queen's Printer and Controller of Stationery, Ottawa, 1959

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies - during twelve months of 1958, per table 6	453,227,811
Received into Trunk Lines from other Canadian Pipe Lines	173,320,514
"Net Received" into Canadian Pipe Line Systems	279,907,297
"Net Received" into Trunk Systems per table 1	129,570,348
"Net Received" into Gathering Systems per table 2	150,336,949
Total Delivered out of Systems - all companies - during twelve months of 1958, per table 6	458,461,173
Delivered to other Canadian Pipe Lines	183,688,381
"Net Delivered" from Canadian Pipe Line Systems	274,772,792
"Net Delivered" from Trunk Systems per table 1	272,815,448
"Net Delivered" from Gathering Systems per table 2	1,957,344

The fluctuations which occur in Shippers and Carriers balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for December and are given herewith:

OIL BALANCE - ALL COMPANIES - December 31, 1958

	Barrels	
Total Shippers Balances - January 1, 1958	10,141,516	
Total Carriers Balances - January 1, 1958	1,069,013	11,210,529
Received into Gathering Systems January 1 to December 31, 1958	156,301,805	
Received into Trunk Systems January 1 to December 31, 1958	401,690,317	557,992,122
Total oil accountable for period		569,202,651
Delivered from Gathering Systems January 1 to December 31, 1958	156,366,488	
Delivered from Trunk Systems January 1 to December 31, 1958	400,894,469	557,260,957
Balance to be accounted for at December 31, 1958		11,941,694
Oil consumed as fuel and losses January 1 to December 31, 1958		355,459
Balance on hand - December 31, 1958		11,586,235
Total Shippers Balances - December 31, 1958	10,578,165	
Total Carriers Balances - December 31, 1958	1,008,070	

The Interprovincial Pipe Line Company operates some 1,600 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. This short line was extended in the fall of 1957 to Clarkson, Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and Clarkson via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, commencing with April this year the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines at Sarnia and Clarkson follows:

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson and Port Credit	Delivered at Sarnia
	Barrels	Barrels	Barrels
December, 1957	3,016,315	1,785,514	623,220
November, 1958	4,057,960	1,545,126	175,928
December, 1958	4,319,251	1,986,673	165,328

TABLE 1

OIL⁴ CARRIED BY PIPE LINES - TRUNK

	December 1958	November 1958	December 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	38,116,076	33,322,025	32,970,902	401,690,317
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,474,253	8,314,466	7,709,605	98,799,455
3. Other pipe lines - Gathering	5,895,301	5,103,417	4,813,891	65,610,363
4. Trunk	10,361,635	8,698,865	9,003,468	107,719,151
5. <u>Net Received (6+7+8)</u>	12,384,887	11,205,277	11,443,938	129,570,348
6. Originating on own trunk lines	5,148,874	4,206,224	4,598,556	47,810,732
7. Received from foreign pipe line connections	7,061,013	6,845,981	6,493,619	78,577,075
8. Received from other carriers (rail & truck)	175,000	153,072	351,763	3,182,541
9. <u>Total Delivered * (10+11)</u>	37,825,919	33,684,972	33,858,800	400,894,469
10. Less: Delivered to other Canadian trunk lines	12,046,842	10,433,025	10,100,708	128,079,021
11. <u>Net Delivered (12+13+14)</u>	25,779,077	23,251,947	23,758,092	272,815,448
12. Terminated on own trunk lines	17,527,408	15,373,885	15,072,235	183,088,977
13. Delivered to foreign pipe line connections	8,213,479	7,844,256	8,663,063	89,180,416
14. Delivered to other carriers (truck, rail & water)	38,190	33,806	22,794	546,055

TABLE 2

OIL⁴ CARRIED BY PIPE LINES - GATHERING

	December 1958	November 1958	December 1957	YEAR TO DATE 1958
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,093,097	12,878,922	12,004,632	156,301,805
16. Less: Received from other gathering systems	722,587	661,479	-	5,964,856
17. <u>Net Received (18+19)</u>	14,370,510	12,217,443	12,004,632	150,336,949
18. Originating on own gathering system	14,069,723	11,974,620	11,826,388	147,815,652
19. Received from other carriers (rail & truck)	300,787	242,823	178,244	2,521,297
20. <u>Total Delivered * (21+22+23)</u>	15,060,973	12,892,210	12,043,526	156,366,488
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,474,253	8,314,466	7,709,605	98,799,784
22. Other pipe lines	5,425,691	4,414,860	4,184,383	55,609,360
23. <u>Net Delivered (24+25)</u>	161,029	162,884	149,538	1,957,344
24. Terminated on gathering systems	85,609	82,559	50,168	977,905
25. Delivered to other carriers (rail & truck)	75,420	80,325	99,370	979,439

⁴ Includes natural gasoline and refinery products.

* Includes duplications.

⁴ Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		December 1958	November 1958	December 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	10,617,903	8,613,995	8,322,041	106,044,548
"	- Trunk	412,994	361,937	457,930	4,715,928
Saskatchewan	- Gathering	3,309,917	3,175,195	3,150,049	38,515,410
"	- Trunk	218,421	185,705	325,572	3,037,281
Manitoba	- Gathering	442,690	428,253	532,542	5,776,991
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	3,274,030	2,318,411	2,557,027	27,292,512
Quebec (3)	- Trunk	8,479,442	8,339,224	8,103,409	94,524,627
Net Received	- Gathering	14,370,510	12,217,443	12,004,632	150,336,949
" "	- Trunk	12,384,887	11,205,277	11,443,938	129,570,348
" "	- Total	26,755,397	23,422,720	22,448,570	279,907,297

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		December 1958	November 1958	December 1957	YEAR TO DATE 1958
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	2,334,321	2,130,279	3,223,243	29,565,915
Alberta (1)	- Gathering	126,461	122,626	92,434	1,443,603
"	- Trunk	1,030,681	998,382	828,821	14,707,003
Saskatchewan	- Gathering	34,568	40,258	57,104	513,741
"	- Trunk	1,666,629	1,205,340	1,423,047	15,775,334
Manitoba	- Trunk	8,949,631	8,272,297	7,581,609	90,963,180
Ontario (2)	- Trunk	4,696,242	3,823,224	4,156,169	43,256,943
Quebec	- Trunk	7,101,573	6,822,425	6,545,203	78,547,073
Net Delivered	- Gathering	161,029	162,884	149,538	1,957,344
" "	- Trunk	25,779,077	23,251,947	23,758,092	272,815,448
" "	- Total	25,940,106	23,414,831	23,907,630	274,772,792
" "	- Daily average	836,778	780,494	771,214	752,802
Includes deliveries to U.S. pipe lines, Grtna, Man.		7,903,423	7,446,109	6,636,031	80,334,345
Includes exports - via Trans Mountain Oil Pipe Line Company		310,056	398,147	2,027,032	8,968,639
via Interprovincial Pipe Line Company		1,852,088	1,694,717	2,094,393	20,781,689

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		December 1958	November 1958	December 1957	YEAR TO DATE 1958
Barrels Handled - Daily Average					
Gathering Systems	Barrels	485,838	429,740	388,501	428,401
Trunk Lines	"	1,220,191	1,122,832	1,092,219	1,098,341
Total Barrel Miles (Trunk Lines)	Millions	9,537	8,796	8,659 ⁽⁷⁾	98,142
Average Miles Per Barrel (Trunk Lines)	Miles	252.1	261.1	246.5	244.8
Employees and Earnings (6)					
Average Number (4)	No.	1,575	1,579	1,671	1,653
Total Salaries and Wages	\$	772,905	753,542	818,710	9,320,141
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,517	67,063	71,283	855,225

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line, Valley Pipe Line Company, Ltd., and Westpur Pipe Line Company.

(7) Revised to include barrel miles of short sections of line entering Canada at Sarnia (See page 2).

TABLE 6 TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

December, 1958

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>				<u>Barrels</u>			
This month December, 1958	3,047,492	10,503,190	7,061,013	2,580,698	3,331,642	(2) 16,488,298	43,012,333
This year (12 months)	30,052,437	110,576,234	78,577,075	29,599,256	35,100,547	(3) 169,322,262	453,227,811
<u>Total Delivered out of System</u>							
This month December, 1958	3,045,275	10,540,825	7,101,573	2,334,321	3,220,829	(4) 17,169,816	43,412,639
This year (12 months)	30,054,696	109,845,891	78,547,073	29,565,915	35,004,880	(5) 175,442,719	458,461,173
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month December, 1958	98,235	-	-	-	107,115	280,488	485,838
This year (12 months)	82,342	-	-	-	95,895	250,164	428,401
<u>Trunk Lines</u>							
This month December, 1958	-	340,027	229,083	75,301	103,898	471,882	1,220,191
This year	-	300,948	215,197	81,003	95,904	405,289	1,098,341
<u>Total Barrel Miles</u>				<u>Miles</u>			
(Trunk Lines - in millions)							
This month December, 1958	-	5,663	501	1,569	224	1,580 ⁽⁸⁾	9,537
This year (12 months)	-	53,556	5,702	19,985	2,433	16,466 ⁽⁸⁾	98,142
<u>Average Miles Per Barrel</u>							
(Trunk Lines)							
This month December, 1958	-	504.0	70.6	672.0	69.5	108.0	252.1
This year (12 months)	-	462.0	72.6	676.0	69.5	113.1	244.8
OPERATING REVENUES							
				<u>Dollars</u>			
Three Months ending Mar. 31, 1958	740,332	6,851,428	692,787	4,022,400	1,195,323	(7) 6,835,979	20,338,249
Six Months ending June 30, 1958	1,272,173	12,788,597	1,330,579	7,032,152	2,345,686	(7) 13,092,402	37,861,589
Nine Months ending Sept. 30, 1958	1,847,991	19,435,590	2,005,120	10,021,728	3,700,226	(7) 20,018,992	57,029,647
Twelve Months ending Dec. 31, 1958	2,444,466	27,015,502	2,749,998	12,707,941	5,110,608	(7) 26,967,477	76,995,992
EMPLOYEES AND EARNINGS							
<u>Number of Employees December, 1958</u>	144	423	51	<u>Number</u>	220	146	591
<u>Salaries and Wages</u>				<u>Dollars</u>			
This month December, 1958	63,535	222,871	23,965	117,956	74,177	(6) 270,401	772,905
This year (12 months)	791,573	2,547,627	296,084	1,505,772	853,837	(6) 3,325,148	9,320,141
<u>Man-Hours Worked by Wage Earners</u>				<u>Hours</u>			
This month December, 1958	16,156	1,000	6,111	-	14,820	(6) 33,430	71,517
This year (12 months)	200,974	6,626	76,370	400	174,002	(6) 396,853	855,225

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 4,776,054 bbls. products and 59,652 bbls. natural gasoline.

(3) Includes 44,042,734 bbls. products and 557,162 bbls. natural gasoline.

(4) Includes 4,779,021 bbls. products and 53,367 bbls. natural gasoline.

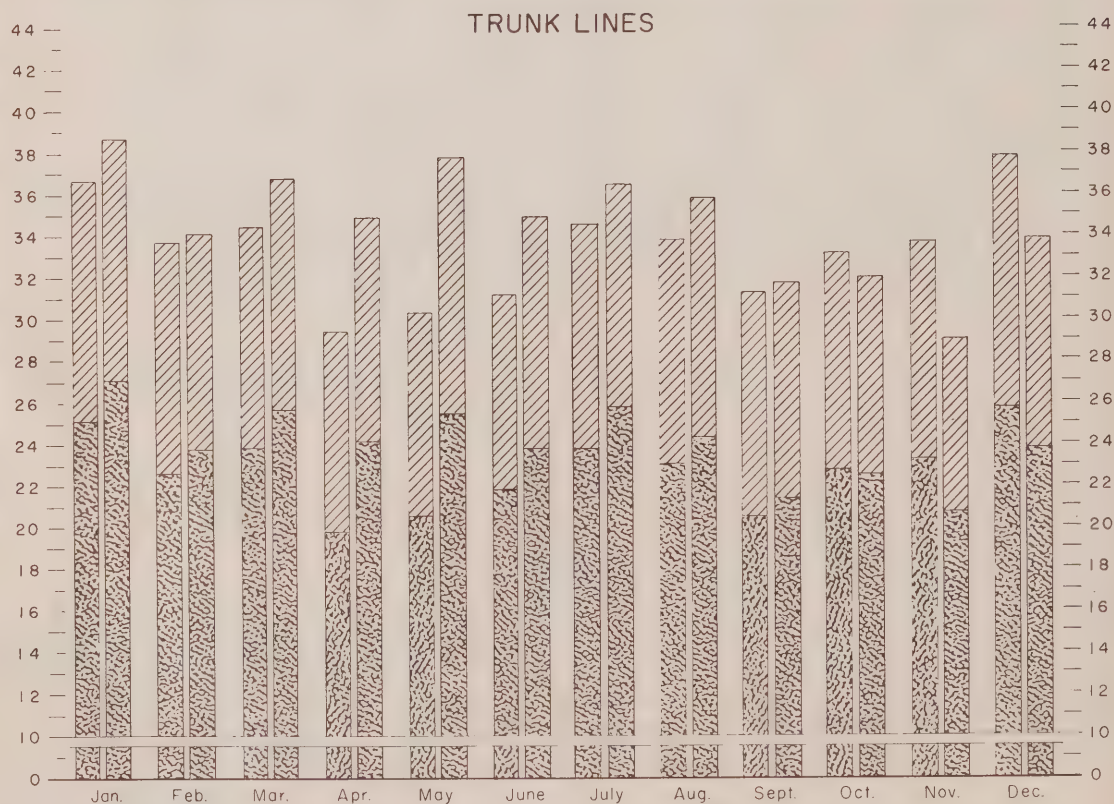
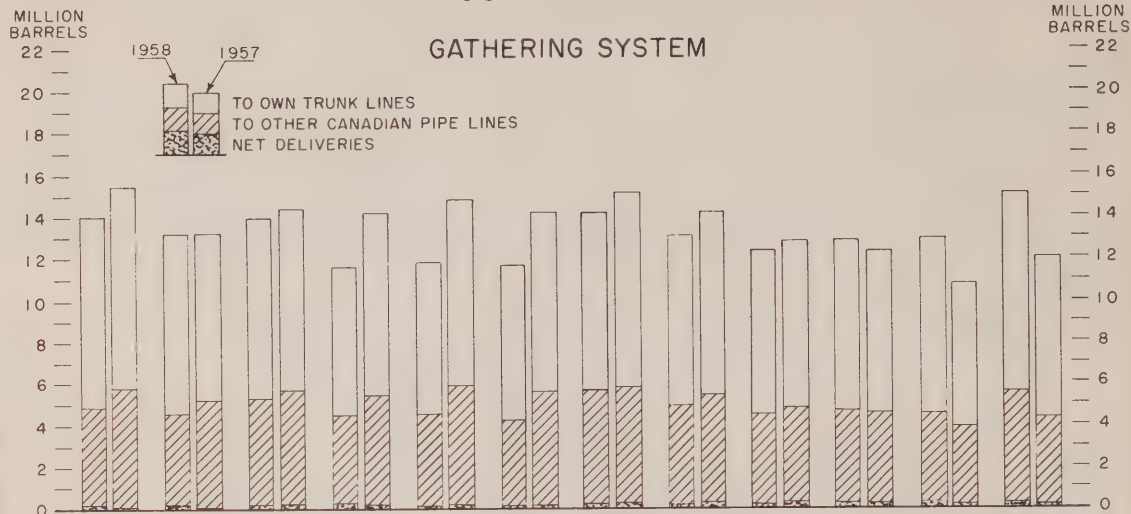
(5) Includes 44,056,079 bbls. products and 547,847 bbls. natural gasoline.

(6) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

(8) Includes barrel miles of short sections of line entering Canada at Sarnia.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1957 AND 1958



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Limited
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Limited
Edmonton Pipe Line Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Company, Limited
Mid-Saskatchewan Pipe Lines, Limited
Mobil Oil of Canada, Limited
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Company, Limited
Pembina Pipe Line, Limited
Producers Pipelines, Limited
Rangeland Pipe Line Company, Limited
Saskatoon Pipe Line Company, Limited
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Limited
Sun Pipe Line Company
Texaco Exploration Company
Trans-Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Limited
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited

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